

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 511:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-511

Query Match 1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 28.6%; Pred. No. 2.1e+02;
Matches 4; Conservative 9; Mismatches 1; Indels 0; Gaps 0;

QY 1047 TTTATGTATTATT 1060
DB 1 UUGAUGUUAUUU 14

RESULT 273

US-08-292-620A-751
Sequence 751, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:

APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: LYON & LYON
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992

two

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 751:

SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-751

Query Match 1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 28.6%; Pred. No. 2.1e+02;
Matches 4; Conservative 9; Mismatches 1; Indels 0; Gaps 0;

QY 1047 TTTATGTATTATT 1060
DB 1 UUGAUGUUAUUU 14

RESULT 274

US-08-604-871-3
Sequence 3, Application US/08604871
Patent No. 5858988
GENERAL INFORMATION:

APPLICANT: WANG, JUI, H.
TITLE OF INVENTION: ANTISENSE OLIGORIBONUCLEOTIDES HAVING ENHANCED STABIL
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: FLISLER, DUBB, MEYER & LOVEJOY
STREET: Four Embarcadero Center, Suite 400
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA: US/08/604,871
FILING DATE: 22-FEB-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Hare, Christophe A
REGISTRATION NUMBER: 37,637
REFERENCE/DOCKET NUMBER: WNGJ 2002 HED/CAH

TELEPHONE: 415-362-3800
TELEFAX: 415-362-2928
TELEX:

INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
US-08-604-871-3

Query Match 1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 781 TGATGGGACAAATAA 794
DB 2 TGATGGGACAAACA 15

RESULT 275

JS-08-604-871-4/c
Sequence 4, Application US/08604871
Patent No. 5858988

GENERAL INFORMATION:

APPLICANT: WANG, JUI, H.
TITLE OF INVENTION: ANTISENSE OLIGORIBONUCLEOTIDES HAVING ENHANCED STABILITY

NUMBER OF SEQUENCES: 4

CORRESPONDENCE ADDRESS:

ADDRESSEE: FLIESLER, DUBB, MEYER & LOVEJOY

STREET: Four Embarcadero Center, Suite 400

CITY: San Francisco

STATE: CA

COUNTRY: USA

ZIP: 94111

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/604,871

FILING DATE: 22-FEB-1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Hare, Christophe A

REGISTRATION NUMBER: 37,637

REFERENCE/DOCKET NUMBER: WNGJ 2002 HED/CAH

TELEPHONE: 415-362-3800

TELEFAX: 415-362-2928

TELEX:

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE:

ORIGINAL SOURCE:

S-08-604-871-4

Query Match

Best Local Similarity 1.0%; Score 12.4; DB 1; Length 15;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y

781 TGATGGGACAA 794

b

14 TGATGGGACAA 1

RESULT 276

S-08-585-684B-893/c

Sequence 893, Application US/08585684B

Patent No. 5877021

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Daniel T.

ADDRESSEE: Jarvis, Thale

APPLICANT: McSwiggen, James

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

NUMBER OF SEQUENCES: 2751

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/585,684B

FILING DATE: January 16, 1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/000,951

FILING DATE: July 7, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/078

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 893:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-585-684B-893

Query Match

Best Local Similarity 1.0%; Score 12.4; DB 1; Length 15;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy

1038 TATTATTATTAT 1051

Db

15 TATTATTATTAT 2

RESULT 277

US-08-585-684B-2060/c

Sequence 2060, Application US/08585684B

Patent No. 5877021

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Daniel T.

ADDRESSEE: Jarvis, Thale

APPLICANT: McSwiggen, James

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

NUMBER OF SEQUENCES: 2751

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/585,684B

FILING DATE: January 16, 1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/000,951

FILING DATE: July 7, 1995

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2060:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-2060

Query Match 1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1456 TGTATTATTAGTAC 1469
DB 15 TGTATTATTAGTAC 2

RESULT 278
US-08-471-907A-52/c
Sequence 52, Application US/08471907A
Patent No. 5986053
GENERAL INFORMATION:
APPLICANT: Ecker, David J.
APPLICANT: Buchardt, Ole
APPLICANT: Egholm, Michael
APPLICANT: Nielsen, Peter E.
APPLICANT: Berg, Rolf H.
APPLICANT: Mllegaard, Niels E.
TITLE OF INVENTION: HIGH ORDER STRUCTURE AND BINDING OF PEPTIDE
TITLE OF INVENTION: NUCLEIC ACIDS
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5986053ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471,907A
FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/088,658
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Lucci, Joseph
REGISTRATION NUMBER: 33,307
REFERENCE/DOCKET NUMBER: ISIS-1052
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-471-907A-52

Query Match 1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 458 TCACACTTCATGT 471
DB 14 TCACACTTCATGT 1

RESULT 279
US-09-071-845-217
Sequence 217, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSES: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2086

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 217:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-217

Query Match 1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 35.7%; Pred. No. 2.1e+02;
Matches 5; Conservative 8; Mismatches 1; Indels 0; Gaps 0;

QY 1049 TATGTATTATTATTA 1062
DB 1 UAGUUAUUUAUCA 14


```

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 893:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-893
Query Match 1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1038 TATTATTATTAT 1051
Db 15 TATTAAATATTAT 2

RESULT 283
US-09-038-073-2060/c
Sequence 2060, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAPT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073

FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 893:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-893
Query Match 1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1038 TATTATTATTAT 1051
Db 15 TATTAAATATTAT 2

RESULT 283
US-09-038-073-2060/c
Sequence 2060, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAPT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073

FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2060:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-2060
Query Match 1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1456 TGTATTATTATGATC 1469
Db 15 TGTATTATTAGTAC 2

RESULT 284
US-09-167-375-13
Sequence 13, Application US/09167375B
Patent No. 6291438
GENERAL INFORMATION:
APPLICANT: Gui H. Wang
TITLE OF INVENTION: Antiviral anticancer poly-substituted phenyl derivatized oligori
FILE OF INVENTION: methods for their use.
FILE REFERENCE: WNGJ 2002 (CIP-1)
CURRENT APPLICATION NUMBER: US/09/167,375B
CURRENT FILING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 26
SEQ ID NO 13
LENGTH: 15
TYPE: RNA
ORGANISM: Duck Hepatitis B Virus
FEATURE:
LOCATION: Pre-S gene, nucleotides 798 - 813.
OTHER INFORMATION: Sense sequence
US-09-167-375-13
Query Match 1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 2.1e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 781 TGATGGACATATA 794
Db 2 UGAUGGACACACA 15

RESULT 285
US-09-167-375-14/c
Sequence 14, Application US/09167375B
Patent No. 6291438
GENERAL INFORMATION:
APPLICANT: Gui H. Wang
TITLE OF INVENTION: Antiviral anticancer poly-substituted phenyl derivatized oligori
FILE OF INVENTION: methods for their use.
FILE REFERENCE: WNGJ 2002 (CIP-1)
CURRENT APPLICATION NUMBER: US/09/167,375B
CURRENT FILING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 26
SEQ ID NO 14
LENGTH: 15
```

```
TYPE: RNA
ORGANISM: Duck Hepatitis Virus
FEATURE:
LOCATION: Pre-S gene, nucleotides 798 - 813
OTHER INFORMATION: Complementary to Duck Hepatitis Virus Pre-S gene, nucleotides 798
S-09-167-375-14

Query Match 1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 781 TGATGGGACAAATAA 794
b 14 TGATGGGACAA 1

RESULT 286
S-09-194-679-12
Sequence 12, Application US/09194679
Patent No. 6329144
GENERAL INFORMATION:
APPLICANT: KUBISTA, Mikael
APPLICANT: SVANVIK, Nicke
TITLE OF INVENTION: PROBE FOR ANALYSIS OF NUCLEIC ACIDS
FILE REFERENCE: 2921-107P
CURRENT APPLICATION NUMBER: US/09/194,679
CURRENT FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 12
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Partial PNA
S-09-194-679-12

Query Match 1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 458 TCAACACTTCATGT 471
b 2 TCAACACTGCATGT 15

RESULT 287
S-08-584-040-8488
Sequence 8488, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
```

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COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,374
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 8488:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-8488

Query Match 1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 2.1e+02;
Matches 7; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 1457 GTTTATTATGTACA 1470
Db 1 GUCUUAUUGUACA 14

RESULT 288
US-09-475-947A-180
Sequence 180, Application US/09475947A
Patent No. 6472154
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Wren, Jonathan D.
APPLICANT: Minna, John D.
TITLE OF INVENTION: Polymorphic Repeats in Human Genes
FILE REFERENCE: UTS00667
CURRENT APPLICATION NUMBER: US/09/475,947A
CURRENT FILING DATE: 1999-12-31
NUMBER OF SEQ ID NOS: 346
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 180
LENGTH: 15
TYPE: DNA
ORGANISM: human
US-09-475-947A-180

Query Match 1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 402 CTCTGTGGTATCCA 415
Db 1 CTCTGTGGCATCCA 14

RESULT 289
US-09-371-772B-4142
Sequence 4142, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
```

```
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4142
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Mus sp.
; US-09-371-772B-4142

Query Match 1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 2.1e+02;
Matches 7; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 1457 GTTATTATGTACA 1470
Db 1 GCUAUAUUAUGUACA 14

RESULT 290
US-08-962-690-21
; Sequence 21, Application US/08962690
; Patent No. 6214805
; GENERAL INFORMATION:
; APPLICANT: Torrence, Paul P.
; APPLICANT: Silverman, Robert H.
; APPLICANT: Cirino, Nick M.
; APPLICANT: Li, Guiying
; APPLICANT: Xiao, Wei
; APPLICANT: Player, Mark R.
; TITLE OF INVENTION: RNASE L ACTIVATORS AND ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 8656-019
; CURRENT APPLICATION NUMBER: US/08/962,690
; CURRENT FILING DATE: 1997-11-03
; EARLIER APPLICATION NUMBER: 08/801,896
; EARLIER FILING DATE: 1997-02-14
; EARLIER APPLICATION NUMBER: 60/011,725
; EARLIER FILING DATE: 1996-02-15
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 21
; LENGTH: 16
; TYPE: RNA
; ORGANISM: respiratory syncytial virus
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (10)
; OTHER INFORMATION: n=a,c,g, or u
; US-08-962-690-21

Query Match 1.0%; Score 12.4; DB 1; Length 16;
Best Local Similarity 33.3%; Pred. No. 2.4e+02;
Matches 5; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

QY 1521 TTTATATTTTAACT 1535
Db 2 UUUUAUAUAUAUAU 16

RESULT 291
US-09-371-772B-5877
; Sequence 5877, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
```

```
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5877
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-5877

Query Match 1.0%; Score 12.4; DB 1; Length 16;
Best Local Similarity 71.4%; Pred. No. 2.4e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 443 TCAAGCAATCTAC 456
Db 1 UCAAGCAAAUGUAC 14

RESULT 292
US-08-390-850-428/c
; Sequence 428, Application US/08390850
; Patent No. 5612215
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John T.
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,850
; FILING DATE: February 17, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5612215ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
```

TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 428:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-390-850-428

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. NO. 2.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

826 TCCTGGATTATTTT 839
14 TCCTGGATTATTTT 1

RESULT 293
US-08-373-124A-1437/C
Sequence 1437, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1437:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-373-124A-1437

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. NO. 2.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1354 TGTCTGGTAGTC 1367
17 TGTCTGGTAGTC 4

RESULT 294
US-08-435-634-428/c
Sequence 428, Application US/08435634
Patent No. 5731295
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustafson, John
TITLE OF INVENTION: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,634
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/390,850
FILING DATE: February 17, 1995
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5731295 September 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 428:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-634-428

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. NO. 2.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 826 TCCTGGATTATTTT 839
14 TCCTGGATTATTTT 1

Db 14 TCTTGGATTTTTTT 1

RESULT 295
US-08-435-628-1437/c
Sequence 1437, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1437:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1437
Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1354 TGTGTGGTAGTC 1367
Db 17 TGTGTGGTAGTC 4

RESULT 296
US-08-985-162-198
Sequence 198, Application US/08985162

Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 198:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-198
Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.9e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 530 RATTTCAGTAACA 543
Db 4 AAUUUAGGAACA 17

RESULT 297
US-08-584-040-1838
Sequence 1838, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon

RESULT 299
US-08-584-040-2373
Sequence 2373, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Payco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2065
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2373:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2373

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 2.9e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 980 AAGCAGCTTTAAGTT 993
Db 2 AAGCACUUUAAGCU 15

RESULT 300
US-08-584-040-2374
; Sequence 2374, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2374:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-2374

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 2.9e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 980 AAGCAGCTTTAAGTT 993
Db 2 AAGCACUUUAAGCU 15

RESULT 300
US-08-584-040-2374
; Sequence 2374, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2374:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-2374

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 2.9e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 980 AAGCAGCTTTAAGTT 993
Db 1 AAGCACUUUAAGCU 14

RESULT 301
US-08-584-040-3849
; Sequence 3849, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 3849:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-3849

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 2.9e+02;
Matches 7; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 1457 GTTTATTATGACA 1470
Db 3 GUCUAUUAUGUACA 16

RESULT 302
US-08-584-040-4227
; Sequence 4227, Application US/08584040
; Patent No. 6346398

GENERAL INFORMATION:
 APPLICANT: Pavco, Pamela
 APPLICANT: McSwiggen, James
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Escobedo, Jaime
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 TREATMENT OF DISEASES OR
 CONDITIONS RELATED TO LEVELS
 OF VASCULAR ENDOTHELIAL
 GROWTH FACTOR
 NUMBER OF SEQUENCES: 8502
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/584,040
 FILING DATE: January 11, 1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974
 FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 4227:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

S-08-584-040-4227

Query Match 1.0%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 57.1%; Pred. No. 2.9e+02;
 Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

Y 1118 ATAGTTATAAGAT 1131
 b 1 AUAUUUAAAGAU 14

RESULT 303

S-08-584-040-5646/c

Sequence 5646, Application US/08584040

Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela

APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TREATMENT OF DISEASES OR

CONDITIONS RELATED TO LEVELS

OF VASCULAR ENDOTHELIAL

GROWTH FACTOR

NUMBER OF SEQUENCES: 8502

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/584,040

FILING DATE: January 11, 1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974

FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 5646:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-584-040-5646

Query Match

Best Local Similarity 92.9%; Score 12.4; DB 1; Length 17;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 467 CATGTATTGTGG 480

Db 14 CATGTAATGTGG 1

RESULT 304

US-08-584-040-7532

Sequence 7532, Application US/08584040

Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela

APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TREATMENT OF DISEASES OR

CONDITIONS RELATED TO LEVELS

OF VASCULAR ENDOTHELIAL

GROWTH FACTOR

NUMBER OF SEQUENCES: 8502

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0


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; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7532:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7532

```

```

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred.No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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```

QY 616 ACAAAACCAACAA 629
DB 2 ACAAAACCAACAA 15

```

```

RESULT 305
US-08-584-040-7817/c
; Sequence 7817, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064

```

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7817:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7817

```

```

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred.No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 617 CAAAAACCAACAA 630
DB 17 CAAAAACCAACAA 4

```

```

RESULT 306
US-08-584-040-7819/c
; Sequence 7819, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7819:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7819

```

```
Query Match          1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 616 ACAAAACACAA 629
  |||||
  14 ACAAAACACAAA 1

RESULT 307
S-09-371-772B-383
Sequence 383, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 383
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
S-09-371-772B-383

Query Match          1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 616 ACAAAACACAA 629
  |||||
  2 ACAAAACACAA 15

RESULT 308
S-09-371-772B-623
Sequence 623, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 623
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
S-09-371-772B-623

Query Match          1.0%; Score 12.4; DB 1; Length 17;
```

```
Best Local Similarity 50.0%; Pred. No. 2.9e+02;
Matches 7; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 714 TCGAAGCTTTAATT 727
  |||||
  1 UCCGAAGUUUAUU 14

RESULT 309
US-09-371-772B-918
Sequence 918, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 918
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-918

Query Match          1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 2.9e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 980 AAGCACTTTAAGTT 993
  |||||
  2 AAGCACTUUUAAGCU 15

RESULT 310
US-09-371-772B-919
Sequence 919, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 919
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-919

Query Match          1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 2.9e+02;
```

Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

2Y 980 AAGCATTAAAGT 993
|:|:|:|:|:|:|:
Db 1 AAGCAUUAAGCU 14

RESULT 311

US-09-371-772B-1616
; Sequence 1616, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1616
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens

US-09-371-772B-1616

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 2.9e+02;
Matches 7; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 1457 GTTATTATGAC 1470
|:|:|:|:|:|:|:
Db 3 GUCUAUUAAGUACA 16

RESULT 312

US-09-371-772B-1994
; Sequence 1994, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1994
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens

US-09-371-772B-1994

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 57.1%; Pred. No. 2.9e+02;
Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 1118 ATAGTTATAAGAT 1131
|:|:|:|:|:|:|:
Db 1 AUAUUAUUAAGAU 14

RESULT 313

US-09-371-772B-2536/c
; Sequence 2536, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2536
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.

US-09-371-772B-2536

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 467 CATGTATTGTGG 480
|:|:|:|:|:|:|:
Db 14 CATGTATTGTGG 1

RESULT 314

US-09-371-772B-3601/c
; Sequence 3601, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3601
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.

US-09-371-772B-3601

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 617 CAAAAACACAAA 630
DB 17 CAAAAACACAAA 4

RESULT 315

US-09-371-772B-3603/c
; Sequence 3603, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3603
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3603

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 616 AAAAAACACAAA 629
DB 14 AAAAAACACAAA 1

RESULT 316

US-09-371-772B-4746
; Sequence 4746, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4746
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4746

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 2.9e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 935 ATTAGCCACCATCT 948

DB 3 AUUGGCCACCAUCU 16

RESULT 317

US-09-371-772B-5229/c
; Sequence 5229, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5229
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5229

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 749 TAGAATGTGATTT 762
DB 14 TAGAATGTGACATT 1

RESULT 318

US-09-371-772B-5266/c
; Sequence 5266, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5266
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5266

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1349 CAGCTGTGTGGT 1362
||| ||||| |||||

Db 16 CCAACTGCTGTGGT 3

RESULT 319

US-09-371-772B-5290
; Sequence 5290, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Growth of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MH000,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 5290
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5290

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 2.9e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 980 AAGCACTTAAAGTT 993

Db 3 AAGCACUUUAGCU 16

RESULT 320

US-08-233-130A-10
; Sequence 10, Application US/08233130A
; Patent No. 5587300
; GENERAL INFORMATION:
; APPLICANT: Malter, James S.
; TITLE OF INVENTION: Method to Increase Regulatory Molecule
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mueeting, Raasch, Gebhardt & Schwappach, P.A.
; STREET: 203 Textile Building, 119 No. 5587300th Fourth Street
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/233,130A
; FILING DATE: 26-APR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Mueeting, Ann M.
; REGISTRATION NUMBER: 33,977
; REFERENCE/DOCKET NUMBER: 119.00010101
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-305-1220
; TELEFAX: 612-305-1228
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-233-130A-11

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 2.9e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 980 AAGCACTTAAAGTT 993

Db 3 AAGCACUUUAGCU 16

; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-233-130A-10

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1046 ATTATGATTTATTTA 1062

Db 1 ATGTATGTATGTATGTA 17

RESULT 321

US-08-233-130A-11/c
; Sequence 11, Application US/08233130A
; Patent No. 5587300
; GENERAL INFORMATION:
; APPLICANT: Malter, James S.
; TITLE OF INVENTION: Method to Increase Regulatory Molecule
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mueeting, Raasch, Gebhardt & Schwappach, P.A.
; STREET: 203 Textile Building, 119 No. 5587300th Fourth Street
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/233,130A
; FILING DATE: 26-APR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Mueeting, Ann M.
; REGISTRATION NUMBER: 33,977
; REFERENCE/DOCKET NUMBER: 119.00010101
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-305-1220
; TELEFAX: 612-305-1228
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-233-130A-11

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1046 ATTATGATTTATTTA 1062

Db 1 ATGTATGTATGTATGTA 1

RESULT 322

US-08-373-124A-742
; Sequence 742, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth

```

APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

```

```

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 742:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-742

```

```

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 3.2e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

b 1081 AAGAAATTTGGAAATA 1097
|||||:::|||||
1 AAGGAUUUUUAAAAUA 17

```

```

RESULT 323
US-08-373-124A-792
Sequence 792, Application US/08/373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street

```

```

STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 792:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-792

```

```

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 3.2e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 619 AARACACAAATTAAT 635
|||||:::|||||
1 AAAACAAUAAAUAAU 17

```

```

RESULT 324
US-08-373-124A-792/c
Sequence 792, Application US/08/373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible

```

OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 792:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-792

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 980 AAGCCTTTAAGTTT 996
Db 17 AATCAATTATGTTT 1

RESULT 325
US-08-373-124A-960/c
Sequence 960, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
CANCER USING RIBOZYMES
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035

FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 960:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-960

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1030 TATTAACCTATTATTA 1046
Db 17 TATAAACTATTTCITA 1

RESULT 326
US-08-373-124A-962/c
Sequence 962, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
CANCER USING RIBOZYMES
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 962:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-373-124A-962

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 3.2e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1477 TTCTTATAATATTT 1493
 17 TTTTATAAATATTT 1

RESULT 327
 US-08-373-124A-1048
 Sequence 1048, Application US/08373124A
 Patent No. 5646042
 GENERAL INFORMATION:
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Draper, Kenneth
 APPLICANT: McSwiggen, James
 APPLICANT: Jarvis, Thale
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TREATMENT OF RESTENOSIS AND
 TITLE OF INVENTION: CANCER USING RIBOZYMES
 NUMBER OF SEQUENCES: 2627
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/373,124A
 FILING DATE: January 13, 1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/035
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 1048:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 3.2e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1590 AAATATAAAGTAAATA 1606

US-08-373-124A-1048
 TOPOLOGY: linear

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 23.5%; Pred. No. 3.2e+02;
 Matches 4; Conservative 10; Mismatches 3; Indels 0; Gaps 0;

1145 TATTTTATTTAGATAT 1161
 1 UUUUUAAUUUUUAUAD 17

RESULT 328
 US-08-373-124A-1048/c
 Sequence 1048, Application US/08373124A
 Patent No. 5646042
 GENERAL INFORMATION:
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Draper, Kenneth
 APPLICANT: McSwiggen, James
 APPLICANT: Jarvis, Thale
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TREATMENT OF RESTENOSIS AND
 TITLE OF INVENTION: CANCER USING RIBOZYMES
 NUMBER OF SEQUENCES: 2627
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/373,124A
 FILING DATE: January 13, 1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/035
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 1048:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-373-124A-1048

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 3.2e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1590 AAATATAAAGTAAATA 1606

Db 17 ATATATAAAATTAATAA 1

RESULT 329

US-08-373-124A-1058/C
Sequence 1058, Application US/08373124A

Patent No. 5646042

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
CANCER USING RIBOZYMES
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1058:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-373-124A-1058

Query Match

Best Local Similarity 1.0%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1583 TGTATGGAATATAATAA 1599

Db 17 TGTATATATATATAA 1

RESULT 330

US-08-373-124A-1871
Sequence 1871, Application US/08373124A

Patent No. 5646042

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
CANCER USING RIBOZYMES
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1871:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-373-124A-1871

Query Match

Best Local Similarity 1.0%; Score 12.2; DB 1; Length 17;
Matches 6; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

Qy 1259 AAATAATTTTGTATAT 1275

Db 1 AAAUGAUUUUUUGUUAU 17

RESULT 331

US-08-373-124A-1885

Sequence 1885, Application US/08373124A
Patent No. 5646042

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
CANCER USING RIBOZYMES
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon

```

: STREET: 633 West Fifth Street
: STREET: Suite 4700
: CITY: Los Angeles
: STATE: California
: COUNTRY: U.S.A.
: ZIP: 90071
:
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
: MEDIUM TYPE: storage
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: IBM P.C. DOS 5.0
: SOFTWARE: Word Perfect 5.1
:
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/373,124A
: FILING DATE: January 13, 1995
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/245,466
: FILING DATE: May 18, 1994
: APPLICATION NUMBER: 08/192,943
: FILING DATE: February 7, 1994
: APPLICATION NUMBER: 07/987,132
: FILING DATE: December 7, 1992
: APPLICATION NUMBER: 07/936,422
: FILING DATE: August 26, 1992
: ATTORNEY/AGENT INFORMATION:
: NAME: Warburg, Richard
: REGISTRATION NUMBER: 32,327
: REFERENCE/DOCKET NUMBER: 209/035
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (213) 489-1600
: TELEFAX: (213) 955-0440
: TELEX: 67-3510
: INFORMATION FOR SEQ ID NO: 1885:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 17 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
:
: US-08-373-124A-1885

```

```

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 35.3%; Pred. No. 3.2e+02;
Matches 6; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

```

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Y 1147 TTTTATTTAGATATTA 1163
b 1 UUGUAGUUUAGAGAAU 17

```

```

RESULT 332
US-08-373-124A-1901/c
Sequence 1901, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994

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: COMPUTER: IBM Compatible
: OPERATING SYSTEM: IBM P.C. DOS 5.0
: SOFTWARE: Word Perfect 5.1
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/373,124A
: FILING DATE: January 13, 1995
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/245,466
: FILING DATE: May 18, 1994
: APPLICATION NUMBER: 08/192,943
: FILING DATE: February 7, 1994
: APPLICATION NUMBER: 07/987,132
: FILING DATE: December 7, 1992
: APPLICATION NUMBER: 07/936,422
: FILING DATE: August 26, 1992
: ATTORNEY/AGENT INFORMATION:
: NAME: Warburg, Richard
: REGISTRATION NUMBER: 32,327
: REFERENCE/DOCKET NUMBER: 209/035
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (213) 489-1600
: TELEFAX: (213) 955-0440
: TELEX: 67-3510
: INFORMATION FOR SEQ ID NO: 1901:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 17 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
:
: US-08-373-124A-1901

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Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Qy 1418 CCACAGTCAATATAGT 1434
Db 17 CCACAGTCAAAATACT 1

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RESULT 333
US-08-373-124A-1983/c
Sequence 1983, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994

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APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1983:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1983

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 929 AAAAGTATTAGCACCA 945
Db 17 AAGATTATTAGCACCA 1

RESULT 334
US-08-373-124A-2147
Sequence 2147, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2147:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-2147

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 23.5%; Pred. No. 3.2e+02;
Matches 4; Conservative 10; Mismatches 3; Indels 0; Gaps 0;

Qy 1035 ACCATTATTATTATTAT 1051
Db 1 ACUUUUUUUUUUUUUUU 17

RESULT 335
US-08-373-124A-2149
Sequence 2149, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2149:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid


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; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2397:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-373-124A-2397

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 640 AATATAGGATTTTCCT 656
Db 17 AAAATATGATTTTCCT 1

RESULT 339
US-08-435-628-742
; Sequence 742, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.

```

```

; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 742:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-742

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 3.2e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy 1081 AAGAATTGGAATAAATA 1097
Db 1 AAGGAUUUUUAAAAAUA 17

RESULT 340
US-08-435-628-792
; Sequence 792, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.

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; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 960:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-960

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Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 1030 TATTAACCTATTATTATTA 1046
Db 17 TATTAACCTATTATTCTTA 1

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RESULT 343
US-08-435-628-962/c
; Sequence 962, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard

```

```

; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 962:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-962

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Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 1477 TTCCTATATAATATTATT 1493
Db 17 TTTTATAAACTATT 1

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RESULT 344
US-08-435-628-1048
; Sequence 1048, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard

```

REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/035
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 1048:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-435-628-1048

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 23.5%; Pred. No. 3.2e+02;
 Matches 4; Conservative 10; Mismatches 3; Indels 0; Gaps 0;

1145 TATTTTTATTAGATAT 1161
 1 UUUUUUUUUUUUUUUU 17

RESULT 345
 US-08-435-628-1048/c
 Sequence 1048, Application US/08435628
 Patent No. 5817796
 GENERAL INFORMATION:
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Draper, Kenneth
 APPLICANT: McSwiggen, James
 APPLICANT: Jarvis, Thale
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TREATMENT OF RESTENOSIS AND
 TITLE OF INVENTION: CANCER USING RIBOZYMES
 NUMBER OF SEQUENCES: 2627
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/435,628
 FILING DATE: 05-MAY-1995
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/373,124
 FILING DATE: January 13, 1995
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/035
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1048:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-435-628-1048

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 3.2e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1590 AAATATAAAAGTAAATA 1606
 17 ATATATAAAATTAATAA 1

RESULT 346
 US-08-435-628-1058/c
 Sequence 1058, Application US/08435628
 Patent No. 5817796
 GENERAL INFORMATION:
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Draper, Kenneth
 APPLICANT: McSwiggen, James
 APPLICANT: Jarvis, Thale
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TREATMENT OF RESTENOSIS AND
 TITLE OF INVENTION: CANCER USING RIBOZYMES
 NUMBER OF SEQUENCES: 2627
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/435,628
 FILING DATE: 05-MAY-1995
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/373,124
 FILING DATE: January 13, 1995
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/035
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1058:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

US-08-435-628-1901/c
 ; Sequence 1901, Application US/08435628
 ; Patent No. 5817796
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Jarvis, Thale
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 ; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 ; TITLE OF INVENTION: CANCER USING RIBOZYMES
 ; NUMBER OF SEQUENCES: 2627
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; CITY: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/435,628
 ; FILING DATE: 05-MAY-1995
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/373,124
 ; FILING DATE: January 13, 1995
 ; APPLICATION NUMBER: 08/245,466
 ; FILING DATE: May 18, 1994
 ; APPLICATION NUMBER: 08/192,943
 ; FILING DATE: February 7, 1994
 ; APPLICATION NUMBER: 07/987,132
 ; FILING DATE: December 7, 1992
 ; APPLICATION NUMBER: 07/936,422
 ; FILING DATE: August 26, 1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 209/035
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 1901:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-435-628-1901

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 3.2e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Caps 0;

Y 1418 CCACAGTCATATATAGT 1434
 |||||
 Db 17 CCACAGTCAAAATACT 1

RESULT 350
 US-08-435-628-1983/c
 ; Sequence 1983, Application US/08435628
 ; Patent No. 5817796
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Draper, Kenneth

US-08-435-628-1901/c
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Jarvis, Thale
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 ; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 ; TITLE OF INVENTION: CANCER USING RIBOZYMES
 ; NUMBER OF SEQUENCES: 2627
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; CITY: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/435,628
 ; FILING DATE: 05-MAY-1995
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/373,124
 ; FILING DATE: January 13, 1995
 ; APPLICATION NUMBER: 08/245,466
 ; FILING DATE: May 18, 1994
 ; APPLICATION NUMBER: 08/192,943
 ; FILING DATE: February 7, 1994
 ; APPLICATION NUMBER: 07/987,132
 ; FILING DATE: December 7, 1992
 ; APPLICATION NUMBER: 07/936,422
 ; FILING DATE: August 26, 1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 209/035
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 1983:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-435-628-1983

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 3.2e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Caps 0;

Q 929 AAAAGTATTAGCCACCA 945
 |||||
 Db 17 AAGATTATTAGCCACAA 1

RESULT 351
 US-08-435-628-2147
 ; Sequence 2147, Application US/08435628
 ; Patent No. 5817796
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Jarvis, Thale
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 ; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 ; TITLE OF INVENTION: CANCER USING RIBOZYMES
 ; NUMBER OF SEQUENCES: 2627

```

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2147:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-2147

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 23.5%; Pred. No. 3.2e+02;
Matches 4; Conservative 10; Mismatches 3; Indels 0; Gaps 0;

Qy 1035 ACCATTATTATTAT 1051
Db 1 ACUUUUUUUUUUUUU 17

RESULT 352
US-08-435-628-2149
Sequence 2149, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible

```

```

COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2149:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-2149

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 3.2e+02;
Matches 3; Conservative 11; Mismatches 3; Indels 0; Gaps 0;

Qy 1145 TATTATTATTAGATAT 1161
Db 1 UUUUUUUUUUUUUU 17

RESULT 353
US-08-435-628-2151
Sequence 2151, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible

```

```

; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2151:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-435-628-2151

```

```

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 17.5%; Pred. No. 3.2e+02;
Matches 3; Conservative 11; Mismatches 3; Indels 0; Gaps 0;

```

```

; 1038 TATTATTATTATGTA 1054
; : : : : : : : : : : : : : : : :
; 1 UUUUUUUUUUUUUUUUU 17

```

```

RESULT 354
; US-08-435-628-2157
; Sequence 2157, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2157:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-435-628-2157

```

```

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 17.5%; Pred. No. 3.2e+02;
Matches 3; Conservative 11; Mismatches 3; Indels 0; Gaps 0;

```

```

; 1041 TTATTATTATGTA 1057
; : : : : : : : : : : : : : : : :
; 1 UUUUUUUUUUUUUUUUU 17

```

```

RESULT 355
; US-08-435-628-2397/c
; Sequence 2397, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943

```

FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2397:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-2397

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 640 AATATAAGATTTTCCT 656
DB 17 AATATATGTAATTTTCCT 1

RESULT 356
US-08-292-620A-1824
Sequence 1824, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/149
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1845:

two

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1824:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1824

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 3.2e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 977 TGGAGACACATTAAAGTT 993
DB 1 UGAGAGCUCUUCACAGCU 17

RESULT 357
US-08-292-620A-1845
Sequence 1845, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1845:

two

APPLICATION NUMBER: US/08/467,963C
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/838,189
 FILING DATE: 16-APR-1997
 APPLICATION NUMBER: US 08/001,554
 FILING DATE: 06-JAN-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: GB 9200117.1
 FILING DATE: 06-JAN-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: STEWART, Michael I
 REGISTRATION NUMBER: 24,973
 REFERENCE/DOCKET NUMBER: 1038-474 MIS:jb
 TELEPHONE: (416) 595-1155
 TELEFAX: (416) 595-1163
 INFORMATION FOR SEQ ID NO: 30:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 S-08-467-963C-30

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 3.2e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1307 TGAACCTAACCAATCCTAG 1323
 b 1 TGAACCTAACCTAG 17

RESULT 363
 S-08-838-189D-30
 Sequence 30. Application US/08838189D
 Patent No. 5998169
 GENERAL INFORMATION:
 APPLICANT: KLEIN, Michel H
 APPLICANT: DU, Run-Pan
 APPLICANT: EWASYSHYN, Mary E
 TITLE OF INVENTION: MULTIMERIC HYBRID GENE ENCODING A
 TITLE OF INVENTION: CHIMERIC PROTEIN WHICH CONFERS PROTECTION AGAINST
 TITLE OF INVENTION: PARAINFLUENZA VIRUS AND RESPIRATORY SYNCYTIAL VIRUS
 NUMBER OF SEQUENCES: 38
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Sim & McBurney
 STREET: 6th Floor, 330 University Avenue
 CITY: Toronto
 STATE: Ontario
 COUNTRY: Canada
 ZIP: M5G 1R7
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/838,189D
 FILING DATE: 16-APR-1997
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/001,554
 FILING DATE: 06-JAN-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: GB 9200117.1
 FILING DATE: 06-JAN-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: STEWART, Michael I
 REGISTRATION NUMBER: 24,973
 REFERENCE/DOCKET NUMBER: 1038-687 MIS:jb

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (416) 595-1155
 TELEFAX: (416) 595-1163
 INFORMATION FOR SEQ ID NO: 30:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-838-189D-30

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 3.2e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1307 TGAACCTAACCAATCCTAG 1323
 Db 1 TGAACCTAACCTAG 17

RESULT 364
 US-08-852-344D-30
 Sequence 30. Application US/08852344D
 Patent No. 6017539
 GENERAL INFORMATION:
 APPLICANT: KLEIN, Michel H
 APPLICANT: DU, Run-Pan
 APPLICANT: EWASYSHYN, Mary E
 TITLE OF INVENTION: CHIMERIC PROTEIN WHICH CONFERS PROTECTION
 TITLE OF INVENTION: AGAINST PARAINFLUENZA VIRUS AND RESPIRATORY
 TITLE OF INVENTION: SYNCYTIAL VIRUS
 NUMBER OF SEQUENCES: 37
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Sim & McBurney
 STREET: 6th Floor, 330 University Avenue
 CITY: Toronto
 STATE: Ontario
 COUNTRY: Canada
 ZIP: M5G 1R7
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/852,344D
 FILING DATE: 07-MAY-1997
 CLASSIFICATION: 424
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/344,639
 FILING DATE: 14-NOV-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: GB 9200117.1
 FILING DATE: 06-JAN-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: STEWART, Michael I
 REGISTRATION NUMBER: 24,973
 REFERENCE/DOCKET NUMBER: 1038-688 MIS:jb
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (416) 595-1155
 TELEFAX: (416) 595-1163
 INFORMATION FOR SEQ ID NO: 30:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-852-344D-30

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 3.2e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1307 TGAACCTAACATCCCTAG 1323
DB 1 TGAACCTAACATCCCTAG 17

RESULT 365
US-08-344-639E-30
; Sequence 30, Application US/08344639E
; Patent No. 6033668
; GENERAL INFORMATION:
; APPLICANT: Klein, Michel H
; APPLICANT: Du, Run-Pan
; APPLICANT: Ewasyshtyn, Mary E
; TITLE OF INVENTION: CHIMERIC PROTEIN WHICH CONFERS
; TITLE OF INVENTION: PROTECTION AGAINST PARAINFLUENZA VIRUS
; TITLE OF INVENTION: AND RESPIRATORY SYNCYTIAL VIRUS
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sim & McBurney
; STREET: 330 University Avenue, 6th Floor
; CITY: Toronto
; STATE: Ontario
; COUNTRY: Canada
; ZIP: M5G 1R7
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/344,639E
; FILING DATE: 14-NOV-1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/001,554
; FILING DATE: 06-JAN-1993
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9200117.1
; FILING DATE: 06-JAN-1992
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Stewart, Michael I
; REGISTRATION NUMBER: 24,973
; REFERENCE/DOCKET NUMBER: 1038-391 MIS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (416) 595-1155
; TELEFAX: (416) 595-1163
; TELEX: 065-24567 SIMBAS
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-344-639E-30

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1307 TGAACCTAACATCCCTAG 1323
DB 1 TGAACCTAACATCCCTAG 17

RESULT 366
US-08-855-058-1
; Sequence 1, Application US/08855058A
; Patent No. 6048690
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.
; APPLICANT: Tu, Eugene

; APPLICANT: Sosnowski, Ronald G.
; APPLICANT: O'Connell, James P.
; TITLE OF INVENTION: METHODS FOR ELECTRONIC FLUORESCENT PERTURBATION FOR
; TITLE OF INVENTION: ANALYSIS AND ELECTRONIC PERTURBATION CATALYSIS FOR
; TITLE OF INVENTION: SYNTHESIS
; FILE REFERENCE: DAVID B. MURPHY; Nanogen 224/175
; CURRENT APPLICATION NUMBER: US/08/855,058A
; CURRENT FILING DATE: 1997-05-14
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthesized
; OTHER INFORMATION: probe
US-08-855-058-1

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1610 AACATTAAATATAAT 1626
DB 1 AAATTTAATATAAT 17

RESULT 367
US-08-985-162-265/c
; Sequence 265, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 265:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IS-08-985-162-265

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 981 AGCATTGTTAGTTT 997
|||||
b 17 AGCATTGATCTTT 1

RESULT 368
S-08-985-162-775/c
Sequence 775, Application US/08985162
Patent No. 6057156

GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 533 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 775:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
S-08-985-162-775

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 514 TTCTGTTAAATTGA 530
|||||
b 17 TTCTTGATAAATTGA 1

RESULT 369

US-08-923-558-4
Sequence 4, Application US/08923558
Patent No. 6060308

GENERAL INFORMATION:
APPLICANT: PARRINGTON, MARK
TITLE OF INVENTION: RNA RESPIRATORY SYNCYTIAL VIRUS VACCINES
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sim & McBurney
STREET: 6th Floor, 330 University Avenue
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5G 1R7

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/923,558
FILING DATE: 04-SEP-1997
CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:
NAME: STEWART, MICHAEL I
REGISTRATION NUMBER: 24,973
REFERENCE/DOCKET NUMBER: 1038-684 MIS:jb
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 595-1155
TELEFAX: (416) 595-1163
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-923-558-4

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1307 TGAACAACTAGCTAG 1323
|||||
Db 1 TGAACATTAATCTAG 17

RESULT 370

US-08-913-833-84/c
Sequence 84, Application US/08913833
Patent No. 6087093

GENERAL INFORMATION:
APPLICANT: STUYVER, LIEVEN
APPLICANT: LOUWAGIE, JOOST
APPLICANT: ROSSAU, RUDI
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
NUMBER OF SEQUENCES: 164
CORRESPONDENCE ADDRESS:
ADDRESSEE: ARNOLD, WHITE & DURKEE
STREET: P.O. BOX 4433
CITY: HOUSTON
STATE: TEXAS
COUNTRY: USA
ZIP: 77210-4433
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 6.0 / ASCII text output
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/913,833

;; FILING DATE: 15 Sep 1997
;; PRIOR APPLICATION DATA: PCT/EP97/00211
;; APPLICATION NUMBER: 17 Jan 1997
;; FILING DATE: 17 Jan 1997
;; PRIOR APPLICATION DATA: EP 96870005.4
;; APPLICATION NUMBER: 26 Jan 1996
;; FILING DATE: 26 Jan 1996
;; PRIOR APPLICATION DATA: EP 96870081.5
;; APPLICATION NUMBER: 25 Jun 1996
;; FILING DATE: 25 Jun 1996
;; ATTORNEY/AGENT INFORMATION: NAME: KAMMERER, PATRICIA A.
;; REGISTRATION NUMBER: 29,775
;; REFERENCE/DOCKET NUMBER: INNS:008
;; INFORMATION FOR SEQ ID NO: 84:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
;; JS-08-913-833-84

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1043 ATTATTATGTATTAT 1059
DB 17 ATCATCTATGTATTGAT 1

RESULT 371
US-09-071-845-1824
; Sequence 1824, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:

;; APPLICATION NUMBER: 07/989,849
;; FILING DATE: December 7, 1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 208/149
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 1824:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-09-071-845-1824

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 3.2e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 977 TGGAGACGACTTAACTT 993
DB 1 UGGAAGCCUUCUACGCU 17

RESULT 372
US-09-071-845-1845
; Sequence 1845, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:

```
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-071-B45-1989

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 3.2e+02;
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;
```

RESULT 374
 US-09-071-845-2007
 ; Sequence 2007, Application US/09071845
 ; Patent No. 6132967
 ; GENERAL INFORMATION:

1 APPLICANT: James McSwiggen
 2 APPLICANT: Sean Sullivan
 3 APPLICANT: Kenneth G. Draper
 4 TITLE OF INVENTION: RIBOZYME TREATMENT OF
 5 DISEASES OR CONDITIONS
 6 TITLE OF INVENTION: RELATED TO LEVELS OF
 7 TITLE OF INVENTION: INTRACELLULAR ADHESION
 8 TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
 9 NUMBER OF SEQUENCES: 2390
 10 CORRESPONDENCE ADDRESS:
 11 ADDRESSEE: Lyon & Lyon
 12 STREET: 633 West Fifth Street
 13 CITY: Suite 4700
 14 CITY: Los Angeles
 15 STATE: California
 16 COUNTRY: U.S.A.
 17 ZIP: 90071-2066
 18 COMPUTER READABLE FORM:
 19 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 20 MEDIUM TYPE: storage
 21 COMPUTER: IBM Compatible
 22 OPERATING SYSTEM: IBM P.C. DOS 5.0
 23 SOFTWARE: Word Perfect 5.1
 24 CURRENT APPLICATION DATA:

08-09-0711-845

FILING DATE: 08/08/292,620
CLASSIFICATION: US/08/292,620
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/008,895
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2007:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-0711-845-2007

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 3.2e+02;
Matches 10; Conservative 3; Indels 0; Caps 0;

US-09-141-286-1
; Sequence 1, Application US/09141286
; Patent No. 624508
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.; O'Connell, James P.; Juncosa,
; APPLICANT: Robert D.; Sosnowski, Ronald G.; Jackson, Thomas
; APPLICANT: R.
; TITLE OF INVENTION: METHOD FOR FINGERPRINTING UTILIZING
; TITLE OF INVENTION: AN ELECTRONICALLY ADDRESSABLE ARRAY
; TITLE OF INVENTION: (as amended)
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon LLP
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; COMPUTER: IBM compatible
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/141,286
; FILING DATE: August 27, 1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/534,454
; FILING DATE: September 27, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy, David B.
; REGISTRATION NUMBER: 31,125
; REFERENCE/DOCKET NUMBER: 225/167
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-141-286-1
Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1610 AACATTAAATATAAT 1626
Db 1 AAATTTAATATAAT 17
RESULT 377
US-09-502-710-15
; Sequence 15, Application US/09502710
; Patent No. 6300133
; GENERAL INFORMATION:
; APPLICANT: LINDBO, John A.
; APPLICANT: POGUE, Gregory P.
; APPLICANT: TURPEN, Thomas H.
; TITLE OF INVENTION: RNA TRANSFORMATION VECTORS DERIVED FROM
; TITLE OF INVENTION: AN UNCAPPED SINGLE-COMPONENT RNA VIRUS
; FILE REFERENCE: 08010137US13
; CURRENT APPLICATION NUMBER: US/09/502,710
; CURRENT FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 09/359,301
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/359,305

US-09-071-845-2009
; Sequence 2009, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOSOME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2056
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2009:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-071-845-2009
Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 3.2e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
QY 977 TGAAGCCTTTAAGTT 993
Db 1 UGGAAGCTUCUACGCU 17
RESULT 376

PRIOR FILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: 09/232,170
PRIOR FILING DATE: 1999-01-15
PRIOR APPLICATION NUMBER: 09/008,186
PRIOR FILING DATE: 1998-01-16
NUMBER OF SEQ ID NOS: 27
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 15
LENGTH: 17
TYPE: DNA
ORGANISM: Tobacco mosaic virus
S-09-502-710-15

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1134 TATAGTAAATTTATTTT 1150
b 1 TATAGTATTGTATTAT 17

RESULT 378
S-09-502-711-15
Sequence 15, Application US/09502711
Patent No. 6300134
GENERAL INFORMATION:
APPLICANT: LINDBO, John A.
APPLICANT: FOGUE, Gregory P.
APPLICANT: TURPEN, Thomas H.
TITLE OF INVENTION: A SINGLE-COMPONENT RNA VIRUS AND CONTAIN AN INTERVENING
TITLE OF INVENTION: SEQUENCE BETWEEN THE CAP AND 5' END
FILE REFERENCE: 008010137US15
CURRENT APPLICATION NUMBER: US/09/502,711
CURRENT FILING DATE: 2000-02-11
PRIOR APPLICATION NUMBER: 09/359,301
PRIOR FILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: 09/359,305
PRIOR FILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: 09/232,170
PRIOR FILING DATE: 1999-01-15
PRIOR APPLICATION NUMBER: 09/008,186
PRIOR FILING DATE: 1998-01-16
NUMBER OF SEQ ID NOS: 27
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 15
LENGTH: 17
TYPE: DNA
ORGANISM: Tobacco mosaic virus
S-09-502-711-15

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1134 TATAGTAAATTTATTTT 1150
b 1 TATAGTATTGTATTAT 17

RESULT 379
S-09-580-794C-84/c
Sequence 84, Application US/09580794C
Patent No. 631389
GENERAL INFORMATION:
APPLICANT: Louwagie, Joost
APPLICANT: Rossau, Rudi
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
TITLE OF INVENTION: TRANSCRIPTASE GENE
FILE REFERENCE: INNS008--2
CURRENT APPLICATION NUMBER: US/09/580,794C

CURRENT FILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
PRIOR FILING DATE: 1997-09-15
PRIOR APPLICATION NUMBER: PCT/EP 97/00211
PRIOR FILING DATE: 1997-01-17
PRIOR APPLICATION NUMBER: EP 96870005.4
PRIOR FILING DATE: 1996-01-26
PRIOR APPLICATION NUMBER: EP 96870081.5
PRIOR FILING DATE: 1996-06-25
NUMBER OF SEQ ID NOS: 164
SOFTWARE: PatentIn version 3.0
SEQ ID NO 84
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic Primer
US-09-580-794C-84

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1043 ATTATTATGTTATTAT 1059
Db 17 ATCATCTATGTTATGAT 1

RESULT 380
US-08-584-040-1815
Sequence 1815, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1815:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-1815

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 3.2e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

NY 1178 AGATAAATTTCAATCAG 1194
1 AAAGAAUAUACAUCAG 17

Db 17 CTTGACGAAATCACCT 1

RESULT 382
US-08-584-040-2187
; Sequence 2187, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2187:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-2187

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 23.5%; Pred. No. 3.2e+02;
Matches 4; Conservative 10; Mismatches 3; Indels 0; Gaps 0;

QY 1519 GCTTTATATTTTAACT 1535
1 GCUUUUUUUUUUGACU 17

Db 1 GCUUUUUUUUUUGACU 17

RESULT 383
US-08-584-040-2304
; Sequence 2304, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.

QY 441 CTTGACGAAATCTACT 457

APPLICANT: Escobedo, Jaime
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 TREATMENT OF DISEASES OR
 CONDITIONS RELATED TO LEVELS
 OF VASCULAR ENDOTHELIAL
 GROWTH FACTOR
 NUMBER OF SEQUENCES: 8502
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/584,040
 FILING DATE: January 11, 1996
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/005,974
 FILING DATE: October 26, 1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 218/064
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 2304:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 3-08-584-040-2304

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 23.5%; Pred. No. 3.2e+02;
 Matches 4; Conservative 10; Mismatches 3; Indels 0; Gaps 0;

1146 ATTTATTTTAGATATT 1162
 :::::|:::

RESULT 384
 3-08-584-040-2305
 Sequence 2305, Application US/08584040
 Patent No. 6346398
 GENERAL INFORMATION:
 APPLICANT: Pavco, Pamela
 APPLICANT: McSwiggen, James
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Escobedo, Jaime
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 TREATMENT OF DISEASES OR
 CONDITIONS RELATED TO LEVELS
 OF VASCULAR ENDOTHELIAL
 GROWTH FACTOR
 NUMBER OF SEQUENCES: 8502
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Los Angeles

STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/584,040
 FILING DATE: January 11, 1996
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/005,974
 FILING DATE: October 26, 1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 218/064
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 2305:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-584-040-2305

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 23.5%; Pred. No. 3.2e+02;
 Matches 4; Conservative 10; Mismatches 3; Indels 0; Gaps 0;

1147 TTTTATTTTAGATATTA 1163
 :::::|:::

RESULT 385
 US-08-584-040-2339/c
 Sequence 2339, Application US/08584040
 Patent No. 6346398
 GENERAL INFORMATION:
 APPLICANT: Pavco, Pamela
 APPLICANT: McSwiggen, James
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Escobedo, Jaime
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 TREATMENT OF DISEASES OR
 CONDITIONS RELATED TO LEVELS
 OF VASCULAR ENDOTHELIAL
 GROWTH FACTOR
 NUMBER OF SEQUENCES: 8502
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/584,040
 FILING DATE: January 11, 1996

CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2339:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2339

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

yy 1026 AACTATTAACTATT 1042
db 17 ACCTATTGACCTTTT 1

RESULT 386
JS-08-584-040-2375
Sequence 2375, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2375:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2375

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 3.2e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

Qy 981 AGCAGTTTAACTTTT 997
db 1 AGCACUUUAAAGCUUU 17

RESULT 387
US-08-584-040-2555/C
Sequence 2555, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2555:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2555

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1086 TTGGGAAATAGACA 1102
 b 17 TTGGGAAAAAAAAAAA 1

RESULT 388

S-08-584-040-2700/c
 Sequence 2700, Application US/08584040
 Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela
 APPLICANT: McSwiggen, James
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Escobedo, Jaime
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 TITL OF INVENTION: TREATMENT OF DISEASES OR
 TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
 TITLE OF INVENTION: -OF VASCULAR ENDOTHELIAL
 TITLE OF INVENTION: GROWTH FACTOR
 NUMBER OF SEQUENCES: 8502
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 MB

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/584,040

FILING DATE: January 11, 1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974

FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2700:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

S-08-584-040-2700

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 3.2e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1594 ATAAAGTAATATGAA 1610
 b 17 ATAAAGTAATCTTAA 1

RESULT 389

S-08-584-040-2701/c
 Sequence 2701, Application US/08584040
 Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela
 APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Escobedo, Jaime
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 TITL OF INVENTION: TREATMENT OF DISEASES OR
 TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
 TITLE OF INVENTION: -OF VASCULAR ENDOTHELIAL
 TITLE OF INVENTION: GROWTH FACTOR
 NUMBER OF SEQUENCES: 8502
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/584,040

FILING DATE: January 11, 1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974

FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2701:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-584-040-2701

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 3.2e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 1593 TATAAAGTAATATGCA 1609
 Db 17 TATAAAGTAACCTTAA 1

RESULT 390

US-08-584-040-2715
 Sequence 2715, Application US/08584040
 Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela
 APPLICANT: McSwiggen, James
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Escobedo, Jaime
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 TITL OF INVENTION: TREATMENT OF DISEASES OR
 TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
 TITLE OF INVENTION: -OF VASCULAR ENDOTHELIAL
 TITLE OF INVENTION: GROWTH FACTOR
 NUMBER OF SEQUENCES: 8502
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700

CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2715:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2715

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 23.4%; Pred. No. 3.2e+02;
Matches 5; Conservative 9; Mismatches 3; Indels 0; Gaps 0;

2y 906 TTTCTCTTTTCTTCTA 922
2b 1 UUGGUCCUUAUUUCCUA 17
RESULT 391
US-08-584-040-2794/c
Sequence 2794, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040

FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2794:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2794

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1563 TTTTCTTCTTCTTCTTCT 1579
Db 17 TTTTCTTCTTCTTCTTCT 1
RESULT 392
US-08-584-040-2827/c
Sequence 2827, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 2827:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 S-08-584-040-2827

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 3.2e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1203 GATTAACCAACAAACA 1219
 b 17 GCTAAACCAACAAACA 1

RESULT 393
 S-08-584-040-2857/c
 Sequence 2857, Application US/08584040
 Patent No. 6346398
 GENERAL INFORMATION:

APPLICANT: Pavco, Pamela
 APPLICANT: McSwiggen, James
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Escobedo, Jaime
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 TREATMENT OF DISEASES OR
 TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
 TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
 TITLE OF INVENTION: GROWTH FACTOR
 NUMBER OF SEQUENCES: 8502
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: Storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/584,040
 FILING DATE: January 11, 1996
 CLASSIFICATION: 514

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/005,974
 FILING DATE: October 26, 1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 218/064
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2857:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 S-08-584-040-2857

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 3.2e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 803 ATAAAGTCAAATTAGC 819
 DB 17 ATAAAGCCAAACTAGC 1

RESULT 394
 US-08-584-040-3848
 ; Sequence 3848, Application US/08584040
 ; Patent No. 6346398
 ; GENERAL INFORMATION:
 ; APPLICANT: Pavco, Pamela
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TREATMENT OF DISEASES OR
 ; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
 ; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
 ; TITLE OF INVENTION: GROWTH FACTOR
 ; NUMBER OF SEQUENCES: 8502
 ; CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: Storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/584,040
 FILING DATE: January 11, 1996
 CLASSIFICATION: 514

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/005,974
 FILING DATE: October 26, 1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 218/064
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 3848:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-584-040-3848

Query Match 1.0%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 47.1%; Pred. No. 3.2e+02;
 Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 1453 ACCTGTTTATTATGAC 1469
 DB 1 ACCAGCUCUAUUAUGAC 17

RESULT 395
 US-08-584-040-3986/c
 ; Sequence 3986, Application US/08584040
 ; Patent No. 6346398
 ; GENERAL INFORMATION:
 ; APPLICANT: Pavco, Pamela

APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 3986:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-3986

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1133 TTATAGTAAATTATT 1149
DB 17 TTAGAGCAATTGATT 1

RESULT 396
US-08-584-040-4259/c
Sequence 4259, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street

STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 4259:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-4259

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 969 AGGACATGTGAGACAC 985
DB 17 AGGATATGAGAGACAC 1

RESULT 397
US-08-584-040-7945
Sequence 7945, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/0
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600

? PRIOR APPLICATION DATA:
 ? APPLICATION NUMBER: 60/005,974
 ? FILING DATE: October 26, 1995
 ? ATTORNEY/AGENT INFORMATION:
 ? NAME: Warburg, Richard J.
 ? REGISTRATION NUMBER: 32,327
 ? REFERENCE/DOCKET NUMBER: 218/064
 ? TELECOMMUNICATION INFORMATION:
 ? TELEPHONE: (213) 489-1600
 ? TELEFAX: (213) 955-0440
 ? TELEX: 67-3510
 ? INFORMATION FOR SEQ ID NO: 8134:
 ? SEQUENCE CHARACTERISTICS:
 ? LENGTH: 17 base pairs
 ? TYPE: nucleic acid
 ? STRANDEDNESS: single
 ? TOPOLOGY: linear
 ? US-08-584-040-8134

Query Match 1.0%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Length 17;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1470 AAATAGATCTTAAAT 1486
17 AAATAGATTTAAAT 1

RESULT 400
US-08-679-645-792/c
Sequence 792, Application US/08679645
Patent No. 6350934
GENERAL INFORMATION:
APPLICANT: Zwick, Michael G.
APPLICANT: Edington, Brent E.
APPLICANT: McSwiggen, James A.
APPLICANT: Merlo, Patricia Ann Owens
APPLICANT: Guo, Lining
APPLICANT: Skokut, Thomas A.
APPLICANT: Young, Scott A.
APPLICANT: Folkerts, Otto
APPLICANT: Merlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
TITLE OF INVENTION: IN PLANTS
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 792:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-679-645-792

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

640 AAATAGGATTTCTTCT 656
17 AAGATAAGGATTTATCT 1

RESULT 401
US-09-468-265-22
Sequence 22, Application US/09468265
Patent No. 6379928
GENERAL INFORMATION:
APPLICANT: Berka, Randy M
APPLICANT: Cullen, Daniel
APPLICANT: Gray, Gregory L
APPLICANT: Hayenga, Kirk J
APPLICANT: Lawlis, Virgil B
TITLE OF INVENTION: Heterologous Polypeptides Expressed in Filamentous Fungi, Proces
TITLE OF INVENTION: Making Same and Vectors for Making Same
FILE REFERENCE: A-42909-5
CURRENT APPLICATION NUMBER: US/09/468,265
CURRENT FILING DATE: 1999-12-10
PRIOR APPLICATION NUMBER: 08/484,384
PRIOR FILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: 08/284,942
PRIOR FILING DATE: 1994-08-02
PRIOR APPLICATION NUMBER: 07/413,010
PRIOR FILING DATE: 1989-09-25
PRIOR APPLICATION NUMBER: 07/163,219
PRIOR FILING DATE: 1988-02-26
PRIOR APPLICATION NUMBER: 06/882,224
PRIOR FILING DATE: 1986-07-07
PRIOR APPLICATION NUMBER: 08/771,374
PRIOR FILING DATE: 1985-08-29
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 22
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic oligonucleotide probes

US-09-468-265-22

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 3.2e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1271 AGTATAAGTACATTA 1285
1:|||||:|||||
DB 2 AATATAATATATTA 16

RESULT 402
US-09-468-265-25
Sequence 25, Application US/09468265
Patent No. 6379928
GENERAL INFORMATION:
APPLICANT: Berka, Randy M
APPLICANT: Cullen, Daniel
APPLICANT: Gray, Gregory L
APPLICANT: Hayenga, Kirk J
APPLICANT: Lawlis, Virgil B
TITLE OF INVENTION: Heterologous Polypeptides Expressed in Filamentous Fungi, Proces
TITLE OF INVENTION: Making Same and Vectors for Making Same
FILE REFERENCE: A-42909-5
CURRENT APPLICATION NUMBER: US/09/468,265
CURRENT FILING DATE: 1999-12-10
PRIOR APPLICATION NUMBER: 08/484,384
PRIOR FILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: 08/284,942
PRIOR FILING DATE: 1994-08-02
PRIOR APPLICATION NUMBER: 07/413,010
PRIOR FILING DATE: 1989-09-25
PRIOR APPLICATION NUMBER: 07/163,219
PRIOR FILING DATE: 1988-02-26
PRIOR APPLICATION NUMBER: 06/882,224
PRIOR FILING DATE: 1986-07-07
PRIOR APPLICATION NUMBER: 06/771,374
PRIOR FILING DATE: 1985-08-29

```
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 25
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide probe
US-09-468-265-25
Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 3.2e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1271 AGTATAAGTACATTA 1285
|:|:|:|:|:|:|:|:|:|:|
Db 2 ARTAYARTACATCA 16

RESULT 403
US-09-468-265-27
; Sequence 27, Application US/09468265
; Patent No. 6375928
; GENERAL INFORMATION:
; APPLICANT: Berka, Randy M
; APPLICANT: Cullen, Daniel
; APPLICANT: Gray, Gregory L
; APPLICANT: Hayenga, Kirk J
; APPLICANT: Lawlis, Virgil B
; TITLE OF INVENTION: Heterologous Polypeptides Expressed in Filamentous Fungi, Process
; FILE REFERENCE: A-42909-5
; CURRENT APPLICATION NUMBER: US/09/468,265
; CURRENT FILING DATE: 1999-12-10
; PRIOR APPLICATION NUMBER: 08/484,384
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: 08/284,942
; PRIOR FILING DATE: 1994-08-02
; PRIOR APPLICATION NUMBER: 07/413,010
; PRIOR FILING DATE: 1989-09-25
; PRIOR APPLICATION NUMBER: 07/163,219
; PRIOR FILING DATE: 1988-02-26
; PRIOR APPLICATION NUMBER: 06/882,224
; PRIOR FILING DATE: 1986-07-07
; PRIOR APPLICATION NUMBER: 06/771,374
; PRIOR FILING DATE: 1985-08-29
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 27
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide probe
US-09-468-265-27
Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 84.6%; Pred. No. 3.2e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1047 TTATGCTATTAT 1059
|:|:|:|:|:|:|:|
Db 17 TTATGCTATTAT 5

RESULT 405
US-09-486-553-4
; Sequence 4, Application US/09486553
; Patent No. 6428324
; GENERAL INFORMATION:
; APPLICANT: Parrington, Mark
; TITLE OF INVENTION: RNA RESPIRATORY SYNCYTIAL VIRUS VACCINES
; FILE REFERENCE: 1038-1020
; CURRENT APPLICATION NUMBER: US/09/486,553
; CURRENT FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: 08/923,558
; PRIOR FILING DATE: 1997-09-04
; PRIOR APPLICATION NUMBER: PCT/CA98/00840
; PRIOR FILING DATE: 1998-09-03
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 4
; LENGTH: 17
; TYPE: DNA
; ORGANISM: respiratory syncytial virus
US-09-486-553-4
Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1307 TGAACCTAACATCCTAG 1323
|:|:|:|:|:|:|:|
Db 1 TGAACCTATTACTCCTAG 17

RESULT 406
US-09-527-030G-110
; Sequence 110, Application US/09527030G
; Patent No. 6482586
```



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GENERAL INFORMATION:
APPLICANT: VAN DOORN, Leen-Jan et al.
TITLE OF INVENTION: Detection and identification of Human Papillomavirus by PCR and c
FILE OF INVENTION: specific reverse hybridization.
FILE REFERENCE: 3501-0101P
CURRENT APPLICATION NUMBER: US/09/527,030G
CURRENT FILING DATE: 2000-03-16
NUMBER OF SEQ ID NOS: 497
SOFTWARE: PatentIn version 3.0
SEQ ID NO 110
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Type specific probe derived from the Human Papillomavirus (HPV)
US-09-527-030G-110

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2Y 1619 AATATAATTTGTTGCA 1635
   ||| ||||| |||||
Db 1 AATGGAATTTGTTGCA 17

RESULT 407
US-09-479-645A-18/c
; Sequence 18, Application US/09479645A
; Patent No. 6489141
; GENERAL INFORMATION:
; APPLICANT: FRAZER, Ian Hector
; APPLICANT: ZHOU, Jian
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCE AND METHOD FOR SELECTIVELY
; TITLE OF INVENTION: EXPRESSING A PROTEIN IN A TARGET CELL OR TISSUE
; FILE REFERENCE: 210338.000/105
; CURRENT APPLICATION NUMBER: US/09/479,645A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: PCT/AU98/00530
; PRIOR FILING DATE: 1998-07-09
; PRIOR APPLICATION NUMBER: AU P07765
; PRIOR FILING DATE: 1997-07-09
; PRIOR APPLICATION NUMBER: AU P09467
; PRIOR FILING DATE: 1997-09-11
; NUMBER OF SEQ ID NOS: 219
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide specific for Glu(GAA)
US-09-479-645A-18

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1363 AGTGCTGTGTGAATTA 1379
   ||| ||||| |||||
Db 17 AATGCTGTGTGAATTA 1

RESULT 408
US-09-300-958A-53/C
; Sequence 63, Application US/09300958A
; Patent No. 6495319
; GENERAL INFORMATION:
; APPLICANT: McClelland, Michael
; APPLICANT: Welsh, John
; APPLICANT: Trenkle, Thomas
; TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of

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; TITLE OF INVENTION: Using Same
; FILE REFERENCE: P-PH 3457
; CURRENT APPLICATION NUMBER: US/09/300,958A
; CURRENT FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/083,331
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/098,070
; PRIOR FILING DATE: 1998-08-27
; PRIOR APPLICATION NUMBER: 60/118,624
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 63
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-300-958A-63

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 615 TACAAAAACACAAAT 631
   ||| ||||| |||||
Db 17 TAAAAAATAAAAAAAT 1

RESULT 409
US-09-474-432B-535
; Sequence 535, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribosome Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Swedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucle
; FILE REFERENCE: MHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 535
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-535

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 3.2e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 1363 AGTGCTGTGTGAATTA 1379
   ||| ||||| |||||
Db 1 AGUGAUGUGUGGAGUDA 17

RESULT 410
US-09-371-772B-360

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Sequence 360, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MHH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 360
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
3-09-371-772B-360

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 3.2e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

/ 1178 AGATAAATTCATCAG 1194
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
1 AAAGAAAUUACAACUAC 17

RESULT 411
3-09-371-772B-595/c
Sequence 595, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MHH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 595
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
3-09-371-772B-595

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

/ 441 CTTCAAGCAATCTACT 457
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
17 CTTGAAGCAATCACT 1

RESULT 412
3-09-371-772B-732
Sequence 732, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MHH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 732
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-732

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 23.5%; Pred. No. 3.2e+02;
Matches 4; Conservative 10; Mismatches 3; Indels 0; Gaps 0;

QY 1146 ATTTATTTTATGATTT 1162
| : : : : : | : : :
DB 1 AATUCUAUUGGUAU 17

RESULT 413
US-09-371-772B-849
Sequence 849, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MHH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 849
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-849

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 23.5%; Pred. No. 3.2e+02;
Matches 4; Conservative 10; Mismatches 3; Indels 0; Gaps 0;

QY 1519 GCTTTATATTTTAACT 1535
| : : : : : | : : :
DB 1 GCUUUUUUUUUUGACU 17

RESULT 414
US-09-371-772B-850
Sequence 850, Application US/09371772B
Patent No. 6566127
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GENERAL INFORMATION:

APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MEH00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0

SEQ ID NO 850
LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-09-371-772B-850

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 23.5%; Pred. No. 3.2e+02;

Matches 4; Conservative 10; Mismatches 3; Indels 0; Gaps 0;

y 1147 TTTTATTATGATATTA 1163

1 UUCUUAUUGGUUAUA 17

RESULT 415

US-09-371-772B-884/c

Sequence 884, Application US/09371772B
Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyne Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

FILE REFERENCE: MEH00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0

SEQ ID NO 884

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-09-371-772B-884

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 1026 AACTTATTACCTATTT 1042

17 ACCCTATTGACCTTTT 1

RESULT 416

US-09-371-772B-920

Sequence 920, Application US/09371772B
Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyne Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

FILE REFERENCE: MEH00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0

SEQ ID NO 884

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-09-371-772B-884

APPLICANT: Ribozyne Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

FILE REFERENCE: MEH00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0

SEQ ID NO 920

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-09-371-772B-920

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 3.2e+02;

Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

y 981 AGCACTTTAAGTTT 997

1 AGCAUUUAAGCUUUU 17

RESULT 417

US-09-371-772B-1079/c

Sequence 1079, Application US/09371772B
Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyne Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

FILE REFERENCE: MEH00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0

SEQ ID NO 1079

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-09-371-772B-1079

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 1086 TTTCGAAAAATAGAAGA 1102

17 TTTCGAAAAATAAAAAA 1

RESULT 418

US-09-371-772B-1224/c

Sequence 1224, Application US/09371772B
Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyne Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

FILE REFERENCE: MEH00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0

SEQ ID NO 1079

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-09-371-772B-1079

```
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MEH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1224
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
3-09-371-772B-1224

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

/ 1594 ATAAAGTAATATGAA 1610
17 ATAAAGTAACCTTAA 1

RESULT 419
3-09-371-772B-1225/c
Sequence 1225, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MEH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1225
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
3-09-371-772B-1225

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

/ 1593 TATAAAGTAATATGAA 1609
17 TATAAAGTAACCTTAA 1

RESULT 420
3-09-371-772B-1239
Sequence 1239, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim

APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MEH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1239
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-1239

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 29.4%; Pred. No. 3.2e+02;
Matches 5; Conservative 9; Mismatches 3; Indels 0; Gaps 0;

QY 906 TTCTCCTTTATTTCTA 922
DB 1 UUGGUCCUAUUUCCUA 17

RESULT 421
US-09-371-772B-1318/c
Sequence 1318, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MEH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1318
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-1318

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1563 TTTTCTTACTCTTCT 1579
DB 17 TTTTCTTAAATTTCT 1

RESULT 422
US-09-371-772B-1351/c
Sequence 1351, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
```

APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1351
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-1351

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1203 GATTAAACAACAACA 1219
17 GGTAAACAACAACA 1

RESULT 423
US-09-371-772B-1381/c
Sequence 1381, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1381
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-1381

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 803 ATAAAGTCAAAATTC 819
17 ATAAAGTCAAAATTC 1

RESULT 424
US-09-371-772B-1615
Sequence 1615, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1615
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-1615

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 3.2e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 1453 ACTGTTTATTATGAC 1469
1 ACCAGUCUAUUGUAC 17

RESULT 425
US-09-371-772B-1753/c
Sequence 1753, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1753
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-1753

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1133 TTATAGTAAATTTATT 1149
17 TTATAGTAAATTTATT 1

RESULT 426
US-09-371-772B-2026/c
Sequence 2026, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1995-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2026
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
3-09-371-772B-2026

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

969 AGGACATGTCGAGGAC 985
17 AGGATATGGAGGAC 1

RESULT 427
3-09-371-772B-3728
Sequence 3728 Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1995-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3728
LENGTH: 17
TYPE: RNA
ORGANISM: Mus sp.
3-09-371-772B-3728

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 35.3%; Pred. No. 3.2e+02;
Matches 6; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

586 TTATATGTAAGTATTA 602
1 UUUUAUCUCAGUAUUA 17

RESULT 428
3-09-371-772B-3745
Sequence 3745 Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1995-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3745
LENGTH: 17
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-3745

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 3.2e+02;
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

1152 TTTTAGATATTAAATGA 1168
1 UUUUAUAUAUCCCAUGA 17

RESULT 429
US-09-371-772B-3917/c
Sequence 3917 Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3917
LENGTH: 17
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-3917

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1470 AATAGATTCCTATTAAT 1486
17 AATTAGATTATTAAT 1

RESULT 430
US-09-371-772B-4490/c
Sequence 4490 Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4490
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-4490

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Y 485 GTTGTAGGTTGCCAGA 501
b 17 GTTACAGGGTCCCGA 1

RESULT 431
US-09-371-772B-4748
Sequence 4748, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4748
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-4748

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 3.2e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
Y 936 TTAGCCACATCTTACC 952
b 1 UUGGCCACCAUCUGAAC 17

RESULT 432
US-09-371-772B-5454/c
Sequence 5454, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5454
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-5454

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Y 591 TGTAAAGTATATTAT 607
b 17 TGAARAGGAGTATTAT 1

RESULT 433
US-09-371-772B-5621/c
Sequence 5621, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5621
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-5621

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Y 1401 TTAACACAGCCAAACT 1417
b 17 TTAATAAAGGCAAACT 1

RESULT 434
US-09-371-772B-6296/c
Sequence 6296, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6296
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
S-09-371-772B-6296

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 614 CTACAAACAAACAA 630
b 17 CTTCACAAACAAACAA 1

RESULT 435
S-09-371-772B-6329/c
Sequence 6329, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6329
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
S-09-371-772B-6329

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 428 GATGCGAGTGAACTTC 444
b 17 GATGACAGTGTAAATTC 1

RESULT 436
S-09-371-772B-6645
Sequence 6645, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6645
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-6645

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 3.2e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 934 TATTAGCCACCATCTTA 950
Db 1 UAUGGUCACCAUCUA 17

RESULT 437
US-09-371-772B-6756
Sequence 6756, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6756
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-6756

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 3.2e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 624 CAACAATATATTTTGA 640
Db 1 CCAGAAACAAUUUUUGA 17

RESULT 438
US-09-316-083-22/c
Sequence 22, Application US/09316083A
Patent No. 6280942
GENERAL INFORMATION:
APPLICANT: The Institute of Physical and Chemical Research
TITLE OF INVENTION: Endonuclease
FILE REFERENCE: PH-651
CURRENT APPLICATION NUMBER: US/09/316,083A
CURRENT FILING DATE: 1999-05-20
EARLIER APPLICATION NUMBER: JP98/141861
EARLIER FILING DATE: 1998-05-22
NUMBER OF SEQ ID NOS: 38
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 22
LENGTH: 18

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA
US-09-316-083-22

Query Match 1.0%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y' 1247 CAGATAACCAATA 1263
|||||
b 17 CAGATAACCAATA 1

RESULT 439
US-09-933-700-22/c
Sequence 22, Application US/09933700
Patent No. 6528296
GENERAL INFORMATION:
APPLICANT: The Institute of Physical and Chemical Research
TITLE OF INVENTION: Endonuclease
FILE REFERENCE: PH-651
CURRENT APPLICATION NUMBER: US/09/933,700
CURRENT FILING DATE: 2001-08-20
PRIOR APPLICATION NUMBER: 09/316,083
PRIOR FILING DATE: 1999-05-20
NUMBER OF SEQ ID NOS: 38
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 22
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA
US-09-933-700-22

Query Match 1.0%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y' 1247 CAGATAACCAATA 1263
|||||
b 17 CAGATAACCAATA 1

RESULT 440
US-09-280-805-239
Sequence 239, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDX2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 239:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-239

Query Match 1.0%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1603 AATATGAACATTAA 1619
|||||
Db 2 AATAAGTTACATTAA 18

RESULT 441
US-09-165-868-8/c
Sequence 8, Application US/09165868
Patent No. 6465176
GENERAL INFORMATION:
APPLICANT: Message Pharmaceuticals, Inc.
TITLE OF INVENTION: METHOD FOR IDENTIFYING COMPOUNDS
AFFECTING RNA/RNA BINDING PROTEIN INTERACTIONS
FILE REFERENCE: 50093/003W01
CURRENT APPLICATION NUMBER: US/09/165,868
CURRENT FILING DATE: 1998-10-02
PRIOR APPLICATION NUMBER: PCT/US99/21672
PRIOR FILING DATE: 1999-09-16
NUMBER OF SEQ ID NOS: 11
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 8
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-165-868-8

Query Match 1.0%; Score 12.2; DB 1; Length 21;
Best Local Similarity 82.4%; Pred. No. 5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1590 AAATATAAAAGTAATA 1606
|||||
Db 20 AAATATAAAAGTAATA 4

RESULT 442
US-09-043-149-42
Sequence 42, Application US/09043149
Patent No. 6355418
GENERAL INFORMATION:
APPLICANT: Schmidt, Gunter
TITLE OF INVENTION: Chimeric Oligonucleotides and Uses Thereof in the
Identification of Antisense Binding Sites
FILE REFERENCE: 020600-272
CURRENT APPLICATION NUMBER: US/09/043,149
CURRENT FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: PCT/GB96/02275
PRIOR FILING DATE: 1996-09-13
PRIOR APPLICATION NUMBER: GB 9518864.5

PRIOR FILING DATE: 1995-09-14
NUMBER OF SEQ ID NOS: 54
SOFTWARE: Patent in version 3.1
SEQ ID NO 42
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide
3-09-043-149-42

Query Match 1.0%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1038 TATTATTATT 1049
1 TATTATTATT 12

3-09-475-947A-3
Sequence 3, Application US/09475947A
Patent No. 6472154
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Wren, Jonathan D.
APPLICANT: Minna, John D.
TITLE OF INVENTION: Polymorphic Repeats in Human Genes
FILE REFERENCE: UTSD0667
CURRENT APPLICATION NUMBER: US/09/475,947A
CURRENT FILING DATE: 1999-12-31
NUMBER OF SEQ ID NOS: 346
SOFTWARE: Patent in Ver. 2.1
SEQ ID NO 3
LENGTH: 13
TYPE: DNA
ORGANISM: human
3-09-475-947A-3

Query Match 1.0%; Score 12; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0;
616 ACAAAAACAAC 627
2 ACAAAAACAAC 13

3-08-311-760A-63/c
Sequence 63, Application US/08311760A
Patent No. 5599706
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James
APPLICANT: Newton, Roger S.
APPLICANT: Ramnarack, Randy
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
TITLE OF INVENTION: INHIBITING ADOLIPROTEIN
NUMBER OF SEQUENCES: 392
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,760A
FILING DATE: September 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/155
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 63:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-760A-63

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
963 GTGTGAGGACA 974
13 GTGTGAGGACA 2

RESULT 445
US-08-319-492B-166
Sequence 166, Application US/08319492B
Patent No. 5616488
GENERAL INFORMATION:
APPLICANT: Sullivan, Sean M.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF IL-5
NUMBER OF SEQUENCES: 751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/319,492B
FILING DATE: October 7, 1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/276
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 166:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-319-492B-166

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 41.7%; Pred. No. 2.6e+02;
Matches 5; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

Y 1052 GTATTATTAA 1063
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b 4 GUAUUUAUUA 15

RESULT 446
US-08-319-492B-167
; Sequence 167, Application US/08319492B
; Patent No. 5616488
; GENERAL INFORMATION:
; APPLICANT: Sullivan, Sean M.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF IL-5
; NUMBER OF SEQUENCES: 751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
FILING DATE: October 7, 1994
APPLICATION NUMBER: US/08/319,492B
PRIORITY APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/276
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 167:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs

Two

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-319-492B-167
Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 41.7%; Pred. No. 2.6e+02;
Matches 5; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

Qy 1052 GTATTATTAA 1063
|:|:|:|:|:|
Db 3 GUAUUUAUUA 14

RESULT 447
US-08-319-492B-168
; Sequence 168, Application US/08319492B
; Patent No. 5616488
; GENERAL INFORMATION:
; APPLICANT: Sullivan, Sean M.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF IL-5
; NUMBER OF SEQUENCES: 751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
FILING DATE: October 7, 1994
APPLICATION NUMBER: US/08/319,492B
PRIORITY APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/276
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 168:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-319-492B-168

Two

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 41.7%; Pred. No. 2.6e+02;
Matches 5; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

Qy 1052 GTATTATTAA 1063
|:|:|:|:|:|

2 GUAAUUAUUA 13

RESULT 448

3-08-319-492B-178/c
Sequence 178, Application US/08319492B
Patent No. 5616488

GENERAL INFORMATION:

APPLICANT: Sullivan, Sean M.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
APPLICANT: Scinchcomb, Dan T.

TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES

TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS

TITLE OF INVENTION: OF IE-5

NUMBER OF SEQUENCES: 751

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/319,492B

FILING DATE: October 7, 1994

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/276

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 178:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

3-08-319-492B-178

Query Match

Best Local Similarity 100.0%; Pred. No. 2.6e+02;

Mismatches 0; Indels 0; Gaps 0;

Matches 12; Conservative 0;

Score 12; DB 1; Length 15;

1169 TCGTTTATTAGA 1180

13 TCGTTTATTAGA 2

RESULT 449

3-08-334-847-511/c
Sequence 511, Application US/08334847
Patent No. 5693532

GENERAL INFORMATION:

APPLICANT: McSwiggen, James

APPLICANT: Draper, Kenneth

APPLICANT: Pavco, Pam

APPLICANT: Woolf, Tod

TITLE OF INVENTION: METHOD AND REAGENT FOR

TITLE OF INVENTION: INHIBITING RESPIRATORY

TITLE OF INVENTION: SYNCYTIAL VIRUS

NUMBER OF SEQUENCES: 909

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Suite 4700

STATE: Los Angeles

COUNTRY: California

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

APPLICANT: Woolf, Tod
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING RESPIRATORY
TITLE OF INVENTION: SYNCYTIAL VIRUS
NUMBER OF SEQUENCES: 909
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/334,847
FILING DATE: No. 5693532ember 4, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/032
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 511:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-334-847-511

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 525 ATTGAATTCA 536

Db 12 ATTGAATTCA 1

RESULT 450

US-08-334-847-598/c

Sequence 598, Application US/08334847

Patent No. 5693532

GENERAL INFORMATION:

APPLICANT: McSwiggen, James

APPLICANT: Draper, Kenneth

APPLICANT: Pavco, Pam

APPLICANT: Woolf, Tod

TITLE OF INVENTION: METHOD AND REAGENT FOR

TITLE OF INVENTION: INHIBITING RESPIRATORY

TITLE OF INVENTION: SYNCYTIAL VIRUS

NUMBER OF SEQUENCES: 909

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Suite 4700

STATE: Los Angeles

COUNTRY: California

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/334,847
FILING DATE: No. 5693522ember 4, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/032
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 598:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
JS-08-334-847-598

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

DY 1524 ATATTTTAACT 1535
|||||
DB 15 ATATTTTAACT 4

RESULT 451
US-08-311-486C-187
Sequence 187, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kleich
APPLICANT: Dan T. Stinchcomb
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
two

APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 187:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-187

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 25.0%; Pred. No. 2.6e+02;
Matches 3; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

DY 1038 TATTATTATT 1049
:|||||:|:|:|:
DB 4 UAUUUAUUUU 15

RESULT 452
US-08-311-486C-195
Sequence 195, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kleich
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 195:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

3-08-311-486C-195

Query Match 1.0%; Score 12; DB 1; Length 15;

Best Local Similarity 25.0%; Pred. No. 2.6e+02;

Matches 3; Conservative 9; Mismatches 0; Indels 0;

Y 1038 TATTATTATT 1049

0 4 UAUUUUUUUU 15

RESULT 453

3-08-311-486C-208

Sequence 208, Application US/08311486C

Patent No. 5811300

GENERAL INFORMATION:

APPLICANT: Sean Sullivan

APPLICANT: Kenneth Draper

APPLICANT: Kevin Kisich

APPLICANT: Dan T. Stinchcomb

APPLICANT: James McSwiggen

TITLE OF INVENTION: RIBOZYME TREATMENT OF

TITLE OF INVENTION: DISEASES OR CONDITIONS

TITLE OF INVENTION: RELATED TO LEVELS OF

TITLE OF INVENTION: TNF-

NUMBER OF SEQUENCES: 1157

CORRESPONDENCE ADDRESS:

ADDRESSES: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/311,486C

FILING DATE: September 23, 1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/166

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 208:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-311-486C-208

Query Match 1.0%; Score 12; DB 1; Length 15;

Best Local Similarity 33.3%; Pred. No. 2.6e+02;

Matches 4; Conservative 8; Mismatches 0; Indels 0;

QY 1050 ATGTATTATT 1061

DB 4 AUGUUUUUUU 15

RESULT 454

US-08-311-486C-209

Sequence 209, Application US/08311486C

Patent No. 5811300

GENERAL INFORMATION:

APPLICANT: Sean Sullivan

APPLICANT: Kenneth Draper

APPLICANT: Kevin Kisich

APPLICANT: Dan T. Stinchcomb

APPLICANT: James McSwiggen

TITLE OF INVENTION: RIBOZYME TREATMENT OF

TITLE OF INVENTION: DISEASES OR CONDITIONS

TITLE OF INVENTION: RELATED TO LEVELS OF

TITLE OF INVENTION: TNF-

NUMBER OF SEQUENCES: 1157

CORRESPONDENCE ADDRESS:

ADDRESSES: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/311,486C

FILING DATE: September 23, 1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/166

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 209:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-311-486C-209

Query Match 1.0%; Score 12; DB 1; Length 15;

Best Local Similarity 33.3%; Pred. No. 2.6e+02;

Matches 4; Conservative 8; Mismatches 0; Indels 0;

QY 1050 ATGTATTATT 1061

DB 4 AUGUUUUUUU 15

two

two

Db 2 AUGUAUUUUUU 13

RESULT 455
US-08-311-486C-210
; Sequence 210, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisich
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311.486C
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/166
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 210:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-311-486C-210

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 33.3%; Pred. No. 2.6e+02;
Matches 4; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 1050 ATGTATTATTATT 1061
Db 1 AUGUAUUUUUU 12

RESULT 456
US-08-311-486C-703
; Sequence 703, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:

; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisich
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311.486C
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/166
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 703:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-311-486C-703

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 25.0%; Pred. No. 2.6e+02;
Matches 3; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

QY 1038 TATTATTATTATT 1049
Db 4 UAUUUUUUUUU 15

RESULT 457
US-08-311-486C-704
; Sequence 704, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisich
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF

two

two

TITLE OF INVENTION: TNP-
 NUMBER OF SEQUENCES: 1157
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Suite 4700
 STATE: Los Angeles
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/311,486C
 FILING DATE: September 23, 1994
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA: including application
 PRIOR APPLICATION DATA: described below:
 APPLICATION NUMBER: 08/008,895
 FILING DATE: January 19, 1993
 FILING DATE: December 7, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/166
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 704:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 S-08-311-486C-704

Query Match 1.0%; Score 12; DB 1; Length 15;
 Best Local Similarity 25.0%; Pred. No. 2.6e+02;
 Matches 3; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

Y 1038 TATTATTATTT 1049
 b 4 UAUUUUAUUU 15

RESULT 458
 S-08-311-486C-719
 Sequence 719, Application US/08311486C
 Patent No. 5811300
 GENERAL INFORMATION:
 APPLICANT: Sean Sullivan
 APPLICANT: Kenneth Draper
 APPLICANT: Kevin Kisich
 APPLICANT: Dan T. Stinchcomb
 APPLICANT: James McSwiggen
 TITLE OF INVENTION: RIBOZYME TREATMENT OF
 TITLE OF INVENTION: DISEASES OR CONDITIONS
 TITLE OF INVENTION: RELATED TO LEVELS OF
 TITLE OF INVENTION: TNP-
 NUMBER OF SEQUENCES: 1157
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Suite 4700
 STATE: Los Angeles
 COUNTRY: U.S.A.

COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/311,486C
 FILING DATE: September 23, 1994
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA: including application
 PRIOR APPLICATION DATA: described below:
 APPLICATION NUMBER: 08/008,895
 FILING DATE: January 19, 1993
 FILING DATE: December 7, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/166
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 719:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-311-486C-719

Query Match 1.0%; Score 12; DB 1; Length 15;
 Best Local Similarity 25.0%; Pred. No. 2.6e+02;
 Matches 3; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

QY 1038 TATTATTATTT 1049
 Db 4 UAUUUUAUUU 15

RESULT 459
 US-08-311-486C-729
 Sequence 729, Application US/08311486C
 Patent No. 5811300
 GENERAL INFORMATION:
 APPLICANT: Sean Sullivan
 APPLICANT: Kenneth Draper
 APPLICANT: Kevin Kisich
 APPLICANT: Dan T. Stinchcomb
 APPLICANT: James McSwiggen
 TITLE OF INVENTION: RIBOZYME TREATMENT OF
 TITLE OF INVENTION: DISEASES OR CONDITIONS
 TITLE OF INVENTION: RELATED TO LEVELS OF
 TITLE OF INVENTION: TNP-
 NUMBER OF SEQUENCES: 1157
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Suite 4700
 STATE: Los Angeles
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1

;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/311,486C
;/ FILING DATE: September 23, 1994
;/ CLASSIFICATION: 435
;/ PRIOR APPLICATION DATA: including application
;/ PRIOR APPLICATION DATA: described below:
;/ APPLICATION NUMBER: 08/008,895
;/ FILING DATE: January 19, 1993
;/ APPLICATION NUMBER: 07/989,849
;/ FILING DATE: December 7, 1992
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Warburg, Richard J.
;/ REGISTRATION NUMBER: 32,327
;/ REFERENCE/DOCKET NUMBER: 209/166
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (213) 489-1600
;/ TELEFAX: (213) 955-0440
;/ TELEX: 67-3510
;/ INFORMATION FOR SEQ ID NO: 729:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 15 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ US-08-311-486C-729

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 33.3%; Pred. No. 2.6e+02;
Matches 4; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 1050 ATGTATTATT 1061
|:|:|:|:|:
DB 4 AUGUAUUUUU 15

RESULT 460
US-08-311-486C-730
; Sequence 730, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisch
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,486C
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895

two

;/ FILING DATE: January 19, 1993
;/ APPLICATION NUMBER: 07/989,849
;/ FILING DATE: December 7, 1992
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Warburg, Richard J.
;/ REGISTRATION NUMBER: 32,327
;/ REFERENCE/DOCKET NUMBER: 209/166
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (213) 489-1600
;/ TELEFAX: (213) 955-0440
;/ TELEX: 67-3510
;/ INFORMATION FOR SEQ ID NO: 730:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 15 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ US-08-311-486C-730

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 33.3%; Pred. No. 2.6e+02;
Matches 4; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 1050 ATGTATTATT 1061
|:|:|:|:|:
DB 2 AUGUAUUUUU 13

RESULT 461
US-08-311-486C-731
; Sequence 731, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisch
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,486C
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/166
; TELECOMMUNICATION INFORMATION:

two

TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 731:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
S-08-311-486C-731

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 33.3%; Pred. No. 2.6e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1050 ATGTATTATT 1061
|:|:|:|:|:|:|:
b 1 AUGUAUUUUU 12

RESULT 462
S-08-292-620A-216
Sequence 216, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:

APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 216:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid

two

STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-216
Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 33.3%; Pred. No. 2.6e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1049 TATGTATTATT 1060
|:|:|:|:|:|:|:
Db 3 UAUGUAUUUUU 14

RESULT 463
US-08-292-620A-498/c
Sequence 498, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:

APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 498:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-498

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

two

US-08-774-310-63/c
; Sequence 63, Application US/08774310
; Patent No. 5877022
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: McSwiggen, James
; APPLICANT: Newton, Roger S.
; APPLICANT: Ramharack, Randy
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
; NUMBER OF SEQUENCES: 392
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774,310
; FILING DATE: December 23, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/311,760
; FILING DATE: September 23, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 53:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-774-310-63
Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 963 GTGTGAGGACA 974
Db 13 GTGTGAGGACA 2
RESULT 466
US-09-071-845-216
; Sequence 216, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION

862 TCTGCTAGCCAG 873
13 TCTGCTAGCCAG 2
RESULT 464
JS-08-292-620A-578/c
; Sequence 578, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAN-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 578:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-578
Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 862 TCTGCTAGCCAG 873
Db 13 TCTGCTAGCCAG 2
RESULT 465

two

TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 216:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
S-09-071-845-216

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 33.3%; Pred. No. 2.6e+02;
Matches 4; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

RESULT 467
S-09-071-845-498/c
Sequence 498, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles

STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 498:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-498

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 862 TCTGCTAGCCAG 873
Db 13 TCTGCTAGCCAG 2

RESULT 468
US-09-071-845-578/c
Sequence 578, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071.845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292.620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008.895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989.849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 578:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-578

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 862 TCTGCTAGCCAG 873
DB 13 TCTGCTAGCCAG 2

RESULT 469
US-09-564-399A-3/c
Sequence 3, Application US/09564399A
Patent No. 6274373
GENERAL INFORMATION:
APPLICANT: Virtanen, Jorma
TITLE OF INVENTION: Gene Sequencer and Methods
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSES: Oppenheimer Wolff & Donnelly LLP
STREET: 2029 Century Park East, Suite 3800
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Microsoft Windows 98
SOFTWARE: MS Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/564,399A
FILING DATE: 01-May-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/564,399
FILING DATE: May 1, 2000
APPLICATION NUMBER: PCT/US/98/03362
FILING DATE: February 20, 1998
APPLICATION NUMBER: 60/039,027
FILING DATE: February 21, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Oldenkamp, David J.
REGISTRATION NUMBER: 29,421
REFERENCE/DOCKET NUMBER: 18950-62 (formerly 18950-23-1)

TELECOMMUNICATION INFORMATION:
TELEPHONE: (310) 788-5000
TELEFAX: (310) 788-5100
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 16
TYPE: nucleic acid
STRANDEDNESS: single-stranded DNA
TOPOLOGY: linear
MOLECULE TYPE: oligonucleotide
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-564-399A-3
Query Match 1.0%; Score 12; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1560 AAATTTTITTA 1571
DB 15 AAATTTTITTA 4
RESULT 470
US-09-861-787A-3/c
Sequence 3, Application US/09861787A
Patent No. 6566069
GENERAL INFORMATION:
APPLICANT: Virtanen, Jorma
TITLE OF INVENTION: Gene Sequencer and Methods
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSES: Oppenheimer Wolff & Donnelly LLP
STREET: 2029 Century Park East, Suite 3800
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90067
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Microsoft Windows 98
SOFTWARE: MS Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/861,787A
FILING DATE: 21-May-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/564,399
FILING DATE: May 1, 2000
APPLICATION NUMBER: 09/064,635
FILING DATE: April 21, 1998
APPLICATION NUMBER: PCT/US/98/03362
FILING DATE: February 20, 1998
APPLICATION NUMBER: 60/039,027
FILING DATE: February 21, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Guy P.
REGISTRATION NUMBER: 20,142
REFERENCE/DOCKET NUMBER: 18950-67 (formerly 18950-62)
TELECOMMUNICATION INFORMATION:
TELEPHONE: (310) 788-5000
TELEFAX: (310) 788-5100
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 16
TYPE: nucleic acid
STRANDEDNESS: single-stranded DNA
TOPOLOGY: linear
MOLECULE TYPE: oligonucleotide
SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-861-787A-3
Query Match 1.0%; Score 12; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;

FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2039:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-2039

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 3.6e+02;
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 544 ATGAATAGTTT 555
Db 3 AUGAAUGUUU 14

RESULT 474
US-08-985-162-196
Sequence 196, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 196:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-196

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 3.6e+02;
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 723 TAATTTCAGGAA 734
Db 5 UAAUUCAGGAA 16

RESULT 475
US-08-985-162-197
Sequence 197, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 197:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-197

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 3.6e+02;
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 723 TAATTTCAGGAA 734
Db 4 UAAUUCAGGAA 15

```

RESULT 476
S-08-985-162-513
Sequence 513, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwigen, James
TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 513:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
S-08-985-162-513

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 41.7%; Pred. No. 3.6e+02;
Matches 5; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

Y 550 AGTTTTCATTG 561
b 6 AGUUUUAUG 17

RESULT 477
S-08-985-162-713
Sequence 713, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwigen, James
TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 513:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

```

```

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 713:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-713

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 3.6e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1599 AGTAAATATGAA 1610
Db 6 AGUAAAUUGAA 17

RESULT 478
US-08-584-040-2052
Sequence 2052, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0

```


SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2052:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2052

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 3.6e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 441 CTTCAAGCAAAAT 452
|:|||||:
Db 6 CUUCAAGCAAAU 17

RESULT 479
US-08-584-040-2813
; Sequence 2813, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2813:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2813

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 58.3%; Pred. No. 3.6e+02;
Matches 7; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 1578 CTGATTGTATGG 1589
|:|||||:
Db 4 CTGAUGGUAUGG 15

RESULT 480
US-08-584-040-2814
; Sequence 2814, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2814:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-2814

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/584,040
 FILING DATE: January 11, 1996
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/005,974
 FILING DATE: October 26, 1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 218/064
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 5932:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-584-040-5932

Query Match 1.0%; Score 12; DB 1; Length 17;
 Best Local Similarity 50.0%; Pred. No. 3.6e+02;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1014 ATTTTCAGTGT 1025
 |:::|||||:
 Db 4 AUUUUCAAGUGU 15

RESULT 484
 US-09-371-772B-597
 ; Sequence 597, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
 ; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
 ; FILE REFERENCE: MEH800,876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/584,040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 597
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-371-772B-597

Query Match 1.0%; Score 12; DB 1; Length 17;
 Best Local Similarity 75.0%; Pred. No. 3.6e+02;
 Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 441 CTTCAAGCAAT 452
 |:::|||||:
 Db 6 CUUCAGCAAU 17

RESULT 485
 US-09-371-772B-1337
 ; Sequence 1337, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
 ; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
 ; FILE REFERENCE: MEH800,876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/584,040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 1337
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-371-772B-1337

Query Match 1.0%; Score 12; DB 1; Length 17;
 Best Local Similarity 58.3%; Pred. No. 3.6e+02;
 Matches 7; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 1578 CTGATGTATGG 1589
 |:::|||||:
 Db 4 CUGAUGUAUGG 15

RESULT 486
 US-09-371-772B-1338
 ; Sequence 1338, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
 ; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
 ; FILE REFERENCE: MEH800,876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/584,040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 1338
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-371-772B-1338

Query Match 1.0%; Score 12; DB 1; Length 17;

QY 441 CTTCAAGCAAAAT 452
|:|||||:
Db 5 CTTCAAGCAAAU 16

RESULT 491
US-09-371-772B-5289
; Sequence 5289, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371.772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005.974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584.040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5289
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5289

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 3.6e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 980 AAGCACTTTAAG 991
|:|||||:
Db 5 AAGCACTTAAUAG 16

RESULT 492
US-09-371-772B-5423/c
; Sequence 5423, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371.772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005.974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584.040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5423
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5423

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1345 ATTGCCAGCTGT 1356
|:|||||:
Db 15 ATTGCCAGCTGT 4

RESULT 493
US-08-311-486C-188/c
; Sequence 188, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kiech
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311.486C
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008.895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989.849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/166
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 188:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-311-486C-188

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1251 TAAACACAAATAAT 1265
|:|||||:
Db 15 TAAATATAATAAT 1

RESULT 494
US-08-311-486C-705/c
; Sequence 705, Application US/08311486C

```

Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisich
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF- $\alpha$ 
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 705:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-705

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1251 TAAACACAAATAAT 1265
b 15 TAAATAATAATAAT 1

RESULT 495
S-08-446-486-13/c
Sequence 13, Application US/08446486
Patent No. 5545565
GENERAL INFORMATION:
APPLICANT: De Greve, Henri Marcel J
APPLICANT: Salgado, Maria Benita Leonor F
APPLICANT: Van Montagu, Marc Charles E
APPLICANT: Vaeck, Mark A
APPLICANT: Zabeau, Marcus Florent O
APPLICANT: Leemans, Jan Jozef A

Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Hofte, Hermanus Fransiscus P
TITLE OF INVENTION: TRANSFORMATION VECTORS ALLOWING
TITLE OF INVENTION: EXPRESSION OF FOREIGN POLYPEPTIDE ENDOTOXINS FROM BACILLUS
TITLE OF INVENTION: THURINGIENSIS IN PLANTS
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: George Mason Bldg., Washington & Prince Sts.
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/446,486
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/133,965
FILING DATE: 08-OCT-1993
APPLICATION NUMBER: US 08/014,148
FILING DATE: 05-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/555,828
FILING DATE: 23-JUL-1990
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/133,965
FILING DATE: 08-OCT-1993
APPLICATION NUMBER: US 08/014,148
FILING DATE: 05-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/555,828
FILING DATE: 23-JUL-1990
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 06/821,582
FILING DATE: 22-JAN-1986
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 06/692,759
FILING DATE: 18-JAN-1985
ATTORNEY/AGENT INFORMATION:
NAME: Crane-Feury, Sharon E
REGISTRATION NUMBER: 36,113
REFERENCE/DOCKET NUMBER: 010830-047
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..15
OTHER INFORMATION: /note= "sequence at 3' end of Bt2
US-08-446-486-13

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1357 GTTGTAGTGTCTGTG 1371
DB 15 GCTGTAGTGTCTGTG 1

RESULT 496
US-08-319-492B-45/c
Sequence 45, Application US/08319492B
Patent No. 5616488
GENERAL INFORMATION:
APPLICANT: Sullivan, Sean M.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James

```

APPLICANT: Stinchcomb, Dan T.
 TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
 TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
 TITLE OF INVENTION: OF IL-5
 NUMBER OF SEQUENCES: 751
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/319,492B
 FILING DATE: October 7, 1994
 PRIOR APPLICATION DATA: including application
 PRIOR APPLICATION DATA: described below:
 APPLICATION NUMBER: 08/008,895
 FILING DATE: January 19, 1993
 APPLICATION NUMBER: 07/989,849
 FILING DATE: December 7, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/276
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEFAX: 67-3510
 INFORMATION FOR SEQ ID NO: 45:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

Query Match 0.9%; Score 11.8; DB 1; Length 15;
 Best Local Similarity 86.7%; Pred. No. 2.9e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1456 TGTTTATTATGACA 1470
 Db 15 TGTTTATTATGACA 1

RESULT 497
 US-08-319-492B-113
 Sequence 113, Application US/08319492B
 Patent No. 5616488
 GENERAL INFORMATION:
 APPLICANT: Sullivan, Sean M.
 APPLICANT: Draper, Kenneth G.
 APPLICANT: McSwiggen, James
 APPLICANT: Stinchcomb, Dan T.
 TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
 TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
 TITLE OF INVENTION: OF IL-5
 NUMBER OF SEQUENCES: 751
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California

COUNTRY: U.S.A.
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/319,492B
 FILING DATE: October 7, 1994
 PRIOR APPLICATION DATA: including application
 PRIOR APPLICATION DATA: described below:
 APPLICATION NUMBER: 08/008,895
 FILING DATE: January 19, 1993
 APPLICATION NUMBER: 07/989,849
 FILING DATE: December 7, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/276
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEFAX: 67-3510
 INFORMATION FOR SEQ ID NO: 113:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

Query Match 0.9%; Score 11.8; DB 1; Length 15;
 Best Local Similarity 46.7%; Pred. No. 2.9e+02;
 Matches 7; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Qy 1474 AGATTCTTATAATAT 1488
 Db 1 AAATUCUAAAATAU 15

RESULT 498
 US-08-319-492B-164
 Sequence 164, Application US/08319492B
 Patent No. 5616488
 GENERAL INFORMATION:
 APPLICANT: Sullivan, Sean M.
 APPLICANT: Draper, Kenneth G.
 APPLICANT: McSwiggen, James
 APPLICANT: Stinchcomb, Dan T.
 TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
 TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
 TITLE OF INVENTION: OF IL-5
 NUMBER OF SEQUENCES: 751
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/319,492B
 FILING DATE: October 7, 1994

REGISTRATION NUMBER: 32,321
REFERENCE/DOCKET NUMBER: 209/276

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 26.7%; Pred. No. 2.9e+02;
Matches 4; Conservative 9; Mismatches 2; Indels 0; Gaps 0;

1142 ATTATTTTATTTTA 1156
1 AUAUAUAUAUGUA 15

RESULT 501

S-08-319-492B-423/c
Sequence 423, Application US/08319492B
Patent No. 5616488
GENERAL INFORMATION:
APPLICANT: Sullivan, Sean M.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF IL-5
NUMBER OF SEQUENCES: 751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA: including application
APPLICATION NUMBER: US/08/319,492B
FILING DATE: October 7, 1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/276
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TOPOLOGY: linear

Two

INFORMATION FOR SEQ ID NO: 423:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1590 AAATATAAAGTAA 1604
15 AAATATAAATGAAA 1

RESULT 502

US-08-319-492B-520/c
Sequence 520, Application US/08319492B
Patent No. 5616488
GENERAL INFORMATION:
APPLICANT: Sullivan, Sean M.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF IL-5
NUMBER OF SEQUENCES: 751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/319,492B
FILING DATE: October 7, 1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/276
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TOPOLOGY: linear

Two

INFORMATION FOR SEQ ID NO: 520:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1477 TTCTTATTAATATAT 1491
15 TTATTAGATATATAT 1

RESULT 503

US-08-319-492B-521/c
Sequence 521, Application US/08319492B
Patent No. 5616488
GENERAL INFORMATION:
APPLICANT: Sullivan, Sean M.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF IL-5

TITLE OF INVENTION: INHIBITING RESPIRATORY
 TITLE OF INVENTION: SYNCYTIAL VIRUS
 NUMBER OF SEQUENCES: 909
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/334,847
 FILING DATE: No. 569352ember 4, 1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/032
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 528:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 3-08-334-847-528

Query Match 0.9%; Score 11.8; DB 1; Length 15;
 Best Local Similarity 46.7%; Pred. No. 2.9e+02;
 Matches 7; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

1 1482 ATATATTTTAA 1496
 1 AUAUAUAUAUAUA 15

RESULT 509

3-08-463-308-13/c
 Sequence 13, Application US/08463308
 Patent No. 5767372

GENERAL INFORMATION:
 APPLICANT: De Greve, Henri Marcel J
 APPLICANT: Salgado, Maria Benita Leonor P
 APPLICANT: Van Montagu, Marc Charles E
 APPLICANT: Vaeck, Mark A
 APPLICANT: Zabeau, Marcus Florent O
 APPLICANT: Leemans, Jan Jozef A
 APPLICANT: Hofte, Hermanus Fransiscus P
 TITLE OF INVENTION: TRANSFORMATION VECTORS ALLOWING
 EXPRESSION OF FOREIGN POLYPEPTIDE ENDOTOXINS FROM BACILLUS
 THURINGIENSIS IN PLANTS
 TITLE OF INVENTION:
 NUMBER OF SEQUENCES: 44
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Burns, Doane, Swecker & Mathis
 STREET: P.O. Box 1404
 CITY: Alexandria
 STATE: Virginia
 COUNTRY: United States
 ZIP: 22313-1404
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/463,308
 FILING DATE: 05-JUN-1995
 CLASSIFICATION: 536
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/133,965
 FILING DATE: 08-OCT-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/014,148
 FILING DATE: 05-FEB-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/555,828
 FILING DATE: 23-JUL-1990
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 06/821,582
 FILING DATE: 22-JAN-1986
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 06/692,759
 FILING DATE: 18-JAN-1985
 ATTORNEY/AGENT INFORMATION:
 NAME: McGowan, Malcolm K.
 REGISTRATION NUMBER: 39,300
 REFERENCE/DOCKET NUMBER: 010830-063
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 836-6620
 TELEFAX: (703) 836-2021
 INFORMATION FOR SEQ ID NO: 13:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 FEATURE:
 NAME/KEY: misc feature
 LOCATION: 1..15
 OTHER INFORMATION: /note= "sequence at 3' end of Bt2
 OTHER INFORMATION: gene"
 US-08-463-308-13

Query Match 0.9%; Score 11.8; DB 1; Length 15;
 Best Local Similarity 86.7%; Pred. No. 2.9e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1357 GTTGTAGTGTGTG 1371
 DB 15 GCTGTAGTGTGTG 1

RESULT 510

US-08-311-486C-240
 Sequence 240, Application US/08311486C
 Patent No. 5811300
 GENERAL INFORMATION:
 APPLICANT: Sean Sullivan
 APPLICANT: Kenneth Draper
 APPLICANT: Kevin Kisch
 APPLICANT: Dan T. Stinchcomb
 APPLICANT: James McSwiggan
 TITLE OF INVENTION: RIBOZYME TREATMENT OF
 DISEASES OR CONDITIONS
 TITLE OF INVENTION: RELATED TO LEVELS OF
 TNF- α
 NUMBER OF SEQUENCES: 1157
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Los Angeles
 STATE: California

COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA: including application
APPLICATION NUMBER: US/08/311.486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: described below:
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 240:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-240

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 46.7%; Pred. No. 2.9e+02;
Matches 7; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 1615 TTAATAATTAATTG 1629
DB 1 UTAATAUAUUCUG 15

RESULT 511
US-08-667-338B-10
Sequence 10, Application US/08667338B
Patent No. 5871918
GENERAL INFORMATION:
APPLICANT: Thorpe, H. H.
APPLICANT: Johnston, Dean H.
APPLICANT: Napier, Mary E.
APPLICANT: Loomis, Carson R.
APPLICANT: Sistare, Mark F.
APPLICANT: Kim, Jinheung
TITLE OF INVENTION: Electrochemical Detection of Nucleic
TITLE OF INVENTION: Acid Hybridization
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kenneth D. Sibley
STREET: PO Box 37428
CITY: Raleigh
STATE: NC
COUNTRY: US
ZIP: 27627
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/667,338B
FILING DATE: 20-JUN-1996

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/016,625
FILING DATE: 19-APR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/060,949
FILING DATE: 27-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5470-107B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-854-1400
TELEFAX: 919-854-1401
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: YES
ANTI-SENSE: NO
FEATURE:
NAME/KEY: misc binding
LOCATION: complement (1..15)
OTHER INFORMATION: /function= "GG mismatch at base 8"
OTHER INFORMATION: of bound moiety
OTHER INFORMATION: /bound_moiety= "AAATATAGTATATAAA"
PUBLICATION INFORMATION:
AUTHORS: Johnston, D. H.
AUTHORS: Glasgow, K. C.
AUTHORS: Thorp, H. H.
TITLE: Electrochemical Measurement of the Solvent
TITLE: Accessibility of Nucleobases Using Electron
TITLE: Transfer between DNA and Metal Complexes
JOURNAL: J. Am. Chem. Soc.
VOLUME: 117
ISSUE: 35
PAGES: 8933-8938
DATE: 1995
US-08-667-338B-10

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1131 TTTTATAGTATATT 1145
DB 1 TTTTATAGTATATT 15

RESULT 512
US-08-583-684B-154/c
Sequence 154, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 154:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
S-08-585-684B-154

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1476 ATCTTATATATTA 1490
b 15 ATCTTATATATTA 1

RESULT 513
US-08-585-684B-1380
Sequence 1380, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 154:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-154

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1380:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-1380

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 46.7%; Pred. No. 2.9e+02;
Matches 7; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Qy 1577 TCTGATTGTATGAA 1591
Db 1 UCUAUUCUAGGAA 15

RESULT 514
US-08-585-684B-1381
Sequence 1381, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1381:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-1381

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 46.7%; Pred. No. 2.9e+02;
Matches 7; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Qy 1579 TGATTGTATGAAAT 1593

US-08-832-021-41
; Sequence 41, Application US/08832021
; Patent No. 604598
; GENERAL INFORMATION:

APPLICANT: Combates, N.
APPLICANT: Pardini, J.
APPLICANT: Parimoo, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JEP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 41
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
S-08-832-021-41

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1144 TTAATTTTATTAG 1158
11 TTTTATTAG 15
b 1 TTTTATTAG 15

RESULT 519
S-08-832-021-61/c
Sequence 61, Application US/08832021
Patent No. 6045998
GENERAL INFORMATION:
APPLICANT: Combates, N.
APPLICANT: Pardini, J.
APPLICANT: Parimoo, S.
APPLICANT: Prouty, S.
APPLICANT: Stenn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JEP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 61
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
S-08-832-021-61

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 615 TACAAAAACACAA 629
15 TACAAAAACAAAA 1

RESULT 520
S-09-179-665-10
Sequence 10, Application US/09179665
Patent No. 6132971
GENERAL INFORMATION:
APPLICANT: Thorpe, H. H.
APPLICANT: Johnston, Dean H.
APPLICANT: Napier, Mary E.
APPLICANT: Loomis, Carson R.
APPLICANT: Sistare, Mark F.
APPLICANT: Kim, Jinheung
TITLE OF INVENTION: Electrochemical Detection of Nucleic

TITLE OF INVENTION: Acid Hybridization
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kenneth D. Sibley
STREET: PO Box 37428
CITY: Raleigh
STATE: NC
COUNTRY: US
ZIP: 27627
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/179,665
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/667,338
FILING DATE: 20-JUN-1996
APPLICATION NUMBER: US 60/016,625
FILING DATE: 19-APR-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/060,949
FILING DATE: 27-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5470-107B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-854-1400
TELEFAX: 919-854-1401
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: YES
ANTI-SENSE: NO
FEATURE:
NAME/KEY: misc_binding
LOCATION: complement (1..15)
OTHER INFORMATION: /function= "GG mismatch at base 8
OTHER INFORMATION: of bound moiety"
OTHER INFORMATION: /bound_moiety= "AAATATAGTATATAAA"
PUBLICATION INFORMATION:
AUTHORS: Johnston, D. H.
AUTHORS: Glasgow, K. C.
AUTHORS: Thorp, H. H.
TITLE: Electrochemical Measurement of the Solvent
TITLE: Accessibility of Nucleobases Using Electron
TITLE: Transfer between DNA and Metal Complexes
JOURNAL: J. Am. Chem. Soc.
VOLUME: 117
ISSUE: 35
PAGES: 8933-8938
DATE: 1995
US-09-179-665-10

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1131 TGTATAGTAAATTT 1145
1 TTTTATAGTATATTT 15
b 1 TTTTATAGTATATTT 15

RESULT 521
US-09-038-073-154/c

Sequence 154, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 154:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-154

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1476 ATTCTTATATTA 1490
Db 15 ATCTTCTATATTA 1

RESULT 522
US-09-038-073-1380
Sequence 1380, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071

COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1380:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-1380

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 46.7%; Pred. No. 2.9e+02;
Matches 7; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Qy 1577 TCTGATGTATGAA 1591
Db 1 UCUAUUCUUGAA 15

RESULT 523
US-09-038-073-1381
Sequence 1381, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1381:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
S-09-038-073-1381

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 46.7%; Pred. No. 2.9e+02;
Matches 7; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Y 1579 TGATTGTTGGAAT 1593
b 1 UAAUUCUUGGAU 15
RESULT 524
S-09-081-646-463
Sequence 463, Application US/09081646
Patent No. 633152
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
FILE REFERENCE: 01107.74664
CURRENT APPLICATION NUMBER: US/09/081,646
EARLIER FILING DATE: 1998-05-20
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 463
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
S-09-081-646-463

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 467 CATGTATGTGTGG 481
b 1 CATGTACGGTGTGG 15
RESULT 525
S-09-081-646-556/c
Sequence 556, Application US/09081646
Patent No. 633152
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
FILE REFERENCE: 01107.74664
CURRENT APPLICATION NUMBER: US/09/081,646
EARLIER FILING DATE: 1998-05-20
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871

SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 556
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
S-09-081-646-556
Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 456 CTTCAACACTTCATG 470
b 15 CTTCAAGAGTTCATG 1
RESULT 526
US-08-584-040-8467
Sequence 8467, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 555-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 8467:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-8467

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 2.9e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Y 1116 GAAATGTTATAAGA 1130

1 GGAUUAUUUAAGA 15

RESULT 527

IS-09-475-947A-164

Sequence 164, Application US/09475947A

Patent No. 6472154

GENERAL INFORMATION:

APPLICANT: Garner, Harold R.

APPLICANT: Wren, Jonathan D.

APPLICANT: Minna, John D.

TITLE OF INVENTION: Polymorphic Repeats in Human Genes

FILE REFERENCE: UTS0667

CURRENT APPLICATION NUMBER: US/09/475,947A

CURRENT FILING DATE: 1999-12-31

NUMBER OF SEQ ID NOS: 346

SOFTWARE: Patent In Ver. 2.1

SEQ ID NO 164

LENGTH: 15

TYPE: DNA

ORGANISM: human

IS-09-475-947A-164

Query Match 0.9%; Score 11.8; DB 1; Length 15;

Best Local Similarity 85.7%; Pred. No. 2.9e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1563 TTTTCTTCTGTTT 1577

DB 1 TTTTCTTCTGTTT 15

RESULT 528

US-09-371-772B-4122

Sequence 4122, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

FILE REFERENCE: MHB00, 876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/594,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: Patent In version 3.0

SEQ ID NO 4122

LENGTH: 15

TYPE: RNA

ORGANISM: Mus sp.

US-09-371-772B-4122

Query Match

Best Local Similarity 60.0%; Score 11.8; DB 1; Length 15;

Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1116 GATAGTTATTAAGA 1130

DB 1 GGAUUAUUUAAGA 15

RESULT 529

5254799-12/C

Patent No. 5254799

APPLICANT: Degreve, Henri M. J.; Salgado, Maria B.L.; Van

Montagu, Marc C.E.; Vaack, Mark A.; Zabeau, Maarcus F. O.; Leemans, Jan J.A.; Hofte, Hermanus F. P.

TITLE OF INVENTION: TRANSFORMATION VECTORS ALLOWING EXPRESSION

OF BACILLUS THURINGIENSIS ENDOTOXINS IN PLANTS

NUMBER OF SEQUENCES: 42

CURRENT APPLICATION DATA:

APPLICANT: Singer, Miriam S.

FILE REFERENCE: UTS0667

CURRENT APPLICATION NUMBER: 821,582

FILING DATE: 22-JAN-1986

APPLICATION NUMBER: 692,759

FILING DATE: 18-JAN-1985

SEQ ID NO: 12

LENGTH: 15

5254799-12

Query Match 0.9%; Score 11.8; DB 1; Length 15;

Best Local Similarity 86.7%; Pred. No. 2.9e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1357 GTTGTAGTCTGTG 1371

DB 15 GCTGTAGTCTGTG 1

RESULT 530

US-08-431-080-3/C

Sequence 3, Application US/08431080

Patent No. 5698686

GENERAL INFORMATION:

APPLICANT: Gottschling, Daniel S.

TITLE OF INVENTION: Telomerase Compositions and Methods

NUMBER OF SEQUENCES: 32

CORRESPONDENCE ADDRESS:

ADDRESSEE: Arnold, White & Durkee

STREET: P.O. Box 4433

CITY: Houston

STATE: TEXAS

COUNTRY: UNITED STATES OF AMERICA

ZIP: 77210

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICANT: Singer, Miriam S.

FILE REFERENCE: UTS0667

CURRENT APPLICATION NUMBER: US/08/431,080

FILING DATE: Concurrently Herewith

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICANT: Singer, Miriam S.

FILE REFERENCE: UTS0667

CURRENT APPLICATION NUMBER: SN 08/326,781

FILING DATE: October 20, 1994

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Parker, David L.

REGISTRATION NUMBER: 32,165

REFERENCE/DOCKET NUMBER: ARCD:155/PAR

TELECOMMUNICATION INFORMATION:

TELEPHONE: (512) 418-3000

TELEFAX: (713) 789-2679

TELEX: 79-0924

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-431-080-3

Query Match 0.9%; Score 11.8; DB 1; Length 16;

Best Local Similarity 86.7%; Pred. No. 3.4e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 474 TGTGTGGTCTGTTG 488
 15 TGTGTGGTGTGGTG 1

SULT 531
 -08-753-147-193
 Sequence 193, Application US/08753147
 Patent No. 5770372
 GENERAL INFORMATION:
 APPLICANT: Concannon, Patrick
 TITLE OF INVENTION: Detection of Mutations in the Human ATM Gene
 NUMBER OF SEQUENCES: 196
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Christensen O'Connor Johnson and Kindness
 STREET: 1420 5th Avenue
 CITY: Seattle
 STATE: Washington
 COUNTRY: USA
 ZIP: 98101-2347
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/753,147
 FILING DATE:

CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Sheiness, Diana K.
 REGISTRATION NUMBER: 35,356
 REFERENCE/DOCKET NUMBER: VMRC-1-9714
 TELEPHONE: (206) 743-4387
 TELEFAX: (206) 224 0779
 INFORMATION FOR SEQ ID NO: 193:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 16 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Homo sapiens
 S-08-753-147-193

Query Match 0.9%; Score 11.8; DB 1; Length 16;
 Best Local Similarity 86.7%; Pred. No. 3.4e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

y 587 TATATGTAAGTATT 601
 2 TAGAGTAAAGTATT 16

ESULT 532
 S-08-752-047-4
 Sequence 4, Application US/08752047
 Patent No. 5776685
 GENERAL INFORMATION:
 APPLICANT: Riedel, Heimo
 TITLE OF INVENTION: PROTEIN KINASE C ASSAY
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: LAHIVE & COCKFIELD
 STREET: 60 STATE STREET, Suite 510
 CITY: BOSTON
 STATE: Massachusetts

COUNTRY: USA
 ZIP: 02109
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: ASCII
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/752,047
 FILING DATE: 19-NOV-1996
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/293,744
 FILING DATE:
 APPLICATION NUMBER: US/08/089,043
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Myers, Paul L.
 REGISTRATION NUMBER: 35,965
 REFERENCE/DOCKET NUMBER: JDP-001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 227-7400
 TELEFAX: (617) 227-5941
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 16 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 US-08-752-047-4

Query Match 0.9%; Score 11.8; DB 1; Length 16;
 Best Local Similarity 86.7%; Pred. No. 3.4e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1109 ATTGATTGATGATT 1123
 1 ATTGATTGATGATT 15

RESULT 533
 US-08-938-534-3/c
 Sequence 3, Application US/08938534
 Patent No. 5916752
 GENERAL INFORMATION:
 APPLICANT: Gottschling, Daniel E.
 TITLE OF INVENTION: Telomerase Compositions and Methods
 NUMBER OF SEQUENCES: 32
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Arnold, White & Durkee
 STREET: P.O. Box 4433
 CITY: Houston
 STATE: TEXAS
 COUNTRY: UNITED STATES OF AMERICA
 ZIP: 77210
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII
 SOFTWARE: Patent in Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/938,534
 FILING DATE: 26-SEP-1997
 CLASSIFICATION: 536
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/431,080
 FILING DATE:
 APPLICATION NUMBER: SN 08/326,781
 FILING DATE: October 20, 1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Parker, David L.

REGISTRATION NUMBER: 32,165
REFERENCE/DOCKET NUMBER: ARCD:155/PAR
TELEPHONE: (512) 418-3000
TELEFAX: (713) 789-2679
TELEX: 79-0924
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
S-08-938-534-3

Query Match 0.9%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

474 TGTGTGGTCTGTG 488
15 TGTGTGGTCTGTG 1

RESULT 534
S-08-893-614-3
Sequence 1, Application US/08893614
Patent No. 5936077
GENERAL INFORMATION:
APPLICANT: FLEIDERER, Wolfgang
APPLICANT: BEIER, Markus
TITLE OF INVENTION: SOLID PHASE SYNTHESIS OF
TITLE OF INVENTION: OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/893,614
FILING DATE: 11-JUL-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 19627898.8
FILING DATE: 11-JUL-1996
ATTORNEY/AGENT INFORMATION:
NAME: SANDERCOCK, Colin G.
REGISTRATION NUMBER: 31,298
REFERENCE/DOCKET NUMBER: 18748/343/HOCE
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
S-08-893-614-1

Query Match 0.9%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1142 ATTATTATTATTTA 1156

Db 1 ATTATTATTATTTA 15

RESULT 535
US-08-666-341A-9/c
Sequence 9, Application US/08666341A
Patent No. 6365345
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: Antisense nucleic Acids for the
TITLE OF INVENTION: prevention and treatment of disorders in which expression
TITLE OF INVENTION: of c-erbB plays a role
NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jacobson, Price, Holman and Stern, PLLC
STREET: 400 Seventh street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disc
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25 (BPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/666,341A
FILING DATE: 15-AUG-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION FOR SEQ ID NO: 9:
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
ANTI-SENSE: YES
US-08-666-341A-9

Query Match 0.9%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 3.4e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 952 CTCACAGTGTGTTG 966
16 CTCACAGAGTCTTG 2

Db 16 CTCACAGAGTCTTG 2

RESULT 536
US-09-345-294-3/c
Sequence 3, Application US/09345294
Patent No. 6387619
GENERAL INFORMATION:
APPLICANT: Gottschling, Daniel E.
TITLE OF INVENTION: Telomerase Compositions and Methods
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: TEXAS
COUNTRY: UNITED STATES OF AMERICA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/345,294

FILING DATE: 30-Jun-1999

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/431,080

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Parker, David L.

REGISTRATION NUMBER: 32,165

REFERENCE/DOCKET NUMBER: ARCD:155/PAR

TELECOMMUNICATION INFORMATION:

TELEPHONE: (512) 418-3000

TELEFAX: (713) 789-2679

TELEX: 79-0924

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 3:

S-09-345-294-3

Query Match 0.9%; Score 11.8; DB 1; Length 16;
 Best Local Similarity 86.7%; Pred. No. 3.4e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

y 474 TGTGTGGTCTGTG 488
 |||||

b 15 TGTGTGGTGTGGTG 1

RESULT 537

S-09-371-772B-6097/c

Sequence 6097, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MEHB00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 6097

LENGTH: 16

TYPE: RNA

ORGANISM: Homo sapiens

US-09-371-772B-6097

Query Match 0.9%; Score 11.8; DB 1; Length 16;
 Best Local Similarity 86.7%; Pred. No. 3.4e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

y 1205 TTAACAACAACAACA 1219
 |||||

b 16 TAAACAACAACAACA 2

RESULT 538

S-09-371-772B-7123/c

Sequence 7123, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Loosmore, Sheena M

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MEHB00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 7123

LENGTH: 16

TYPE: RNA

ORGANISM: Homo sapiens

US-09-371-772B-7123

Query Match 0.9%; Score 11.8; DB 1; Length 16;
 Best Local Similarity 86.7%; Pred. No. 3.4e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1555 TCTCCAAATTTTTT 1569
 |||||

Db 15 TCTCCAAATTTTTT 1

RESULT 539

US-09-371-772B-5585/c

Sequence 5585, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MEHB00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 5585

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-09-371-772B-5585

Query Match 0.9%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 4e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 520 GTTAAATTCGATTT 534
 |||||

Db 17 GATAAATTCGATTT 3

RESULT 540

US-08-867-941-37

Sequence 37, Application US/08867941

Patent No. 5977337

GENERAL INFORMATION:

APPLICANT: Loosmore, Sheena M

```

APPLICANT: Du, Run-Pan
APPLICANT: Wang, Quijun
APPLICANT: Yang, Yan-Ping
APPLICANT: Klein, Michel H
TITLE OF INVENTION: LACTOFERRIN RECEPTOR GENES OF MORAXELLA
NUMBER OF SEQUENCES: 67
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sim & McBurney
STREET: 6th Floor, 330 University Avenue
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5G 1R7
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/967,941
FILING DATE: 03-JUN-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Stewart, Michael I
REGISTRATION NUMBER: 24,973
REFERENCE/DOCKET NUMBER: 1038-681 MIS:jb
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 595-1155
TELEFAX: (416) 595-1163
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-867-941-37

Query Match 0.9%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1161 TTAATGATGTTTAA 1175
DB 3 TGAATGAAGTTTAA 17

RESULT 541
US-09-074-658-37
Sequence 37, Application US/09074658
Patent No. 6184371
GENERAL INFORMATION:
APPLICANT: Loosmore, Sheena M
APPLICANT: Run-Pan Du
APPLICANT: Quijun Wang
APPLICANT: Yang, Yan-Ping
APPLICANT: Klein, Michel H
TITLE OF INVENTION: LACTOFERRIN RECEPTOR GENES OF MORAXELLA
NUMBER OF SEQUENCES: 78
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sim & McBurney
STREET: 6th Floor, 330 University Avenue
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5G 1R7
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/074,658
FILING DATE: 08-MAY-1998

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CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Stewart, Michael I
REGISTRATION NUMBER: 24,973
REFERENCE/DOCKET NUMBER: 1038-795
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 595-1155
TELEFAX: (416) 595-1163
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-074-658-37

Query Match 0.9%; Score 11.8; DB 1; Length 18;
Best Local Similarity 85.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1161 TTAATGATGTTTAA 1175
DB 3 TGAATGAAGTTTAA 17

RESULT 542
US-08-271-942A-92
Sequence 92, Application US/08271942A
Patent No. 5550020
GENERAL INFORMATION:
APPLICANT: Gallie, Brenda L.
APPLICANT: Dunn, James M.
APPLICANT: Stevens, John K.
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
and Targeted Screening for Retinoblastoma
NUMBER OF SEQUENCES: 123
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oppedahl & Larson
STREET: 1992 Commerce Street, Suite 309
CITY: Yorktown Heights
STATE: NY
COUNTRY: USA
ZIP: 10598-4412
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS 5.0
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/271,942A
FILING DATE: 08-JUL-1994
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Marina T. Larson
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN.P-003-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX:
INFORMATION FOR SEQ ID NO: 92:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: no
ANTI-SENSE: no
FRAGMENT TYPE: internal

```

ORIGINAL SOURCE:
ORGANISM: human

FEATURE:
NAME/KEY: primer for exon 11 of human RB1 gene

S-08-271-942A-92

Query Match 0.9%; Score 11.6; DB 1; Length 18;
Best Local Similarity 77.8%; Pred. No. 4.9e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1 1603 AATATGAACACTTATAAA 1620
1 AATCTGAACACTATATAA 18

RESULT 543

S-08-779-916A-32
Sequence 92, Application US/08779916A
Patent No. 6063567

GENERAL INFORMATION:

APPLICANT: Gallie, Brenda L.
APPLICANT: Dunn, James M.
APPLICANT: Stevens, John K.

TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
TITLE OF INVENTION: and Targeted Screening for Retinoblastoma

NUMBER OF SEQUENCES: 123

CORRESPONDENCE ADDRESS:

ADDRESSEE: Oppedahl & Larson
STREET: 1992 Commerce Street, Suite 309
CITY: Yorktown Heights
STATE: NY

COUNTRY: USA

ZIP: 10598-4412

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS 5.0
SOFTWARE: Word Perfect

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/779,916A

FILING DATE: 07-JAN-1997

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/271,942

FILING DATE: 08-JUL-1994

ATTORNEY/AGENT INFORMATION:

NAME: Marina T. Larson

REGISTRATION NUMBER: 32,038

REFERENCE/DOCKET NUMBER: VGEN.P-003-US2

TELEPHONE: (914) 245-3252

TELEFAX: (914) 962-4330

TELEX:

INFORMATION FOR SEQ ID NO: 92:

SEQUENCE CHARACTERISTICS:

LENGTH: 18

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: genomic DNA

HYPOTHETICAL: no

ANTI-SENSE: no

FRAGMENT TYPE: internal

ORIGINAL SOURCE:

ORGANISM: human

FEATURE:

NAME/KEY: primer for exon 11 of human RB1 gene

S-08-779-916A-92

Query Match 0.9%; Score 11.6; DB 1; Length 18;
Best Local Similarity 77.8%; Pred. No. 4.9e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1603 AATATGAACACTTATAAA 1620
DB 1 AATCTGAACACTATATAA 18

RESULT 544

PCT-US95-08604-92

Sequence 92, Application PC/TUS9508604

GENERAL INFORMATION:

APPLICANT: Visible Genetics Inc.

APPLICANT: HSC Research and Development Limited Partnership

APPLICANT: Gallie, Brenda L.

APPLICANT: Dunn, James M.

APPLICANT: Stevens, John K.

TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis

TITLE OF INVENTION: and Targeted Screening for Retinoblastoma

NUMBER OF SEQUENCES: 123

CORRESPONDENCE ADDRESS:

ADDRESSEE: Oppedahl & Larson

STREET: 1992 Commerce Street, Suite 309

CITY: Yorktown Heights

STATE: NY

COUNTRY: USA

ZIP: 10598-4412

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS 5.0

SOFTWARE: Word Perfect

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/08604

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/271,942

FILING DATE: 08-JUL-1994

ATTORNEY/AGENT INFORMATION:

NAME: Marina T. Larson

REGISTRATION NUMBER: 32,038

REFERENCE/DOCKET NUMBER: VGEN.P-003-WO

TELECOMMUNICATION INFORMATION:

TELEPHONE: (914) 245-3252

TELEFAX: (914) 962-4330

TELEX:

INFORMATION FOR SEQ ID NO: 92:

SEQUENCE CHARACTERISTICS:

LENGTH: 18

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: genomic DNA

HYPOTHETICAL: no

ANTI-SENSE: no

FRAGMENT TYPE: internal

ORIGINAL SOURCE:

ORGANISM: human

FEATURE:

NAME/KEY: primer for exon 11 of human RB1 gene

QY 1603 AATATGAACACTTATAAA 1620
DB 1 AATCTGAACACTATATAA 18

RESULT 545

US-09-626-929-23/c

Sequence 23, Application US/09626929

Patent No. 6319714
GENERAL INFORMATION:
APPLICANT: CRAMERI, ANDREAS
APPLICANT: STEMMER, WILLEM P.C.
APPLICANT: MINSHULL, JEREMY
APPLICANT: BASS, STEVEN H.
APPLICANT: WELCH, MARK
APPLICANT: NESS, JON E.
APPLICANT: GUSTAFSSON, CLAES
APPLICANT: PATTEN, PHILLIP A.
TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED NUCLEIC ACID RECOMBINATION
FILE REFERENCE: 02-029630US
CURRENT APPLICATION NUMBER: US/09/626,929
2000-07-27
CURRENT FILING DATE: 2000-07-27
PRIOR APPLICATION NUMBER: 09/408,392
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: 60/118,813
PRIOR FILING DATE: 1999-02-05
PRIOR APPLICATION NUMBER: 60/141,049
PRIOR FILING DATE: 1999-06-24
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 23
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-626-929-23

Query Match 0.9%; Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 501 ATGCAATACAGATTCT 518
Db 18 ATCAATACATTTCAT 1

RESULT 546
US-09-484-850-23/c
Sequence 23, Application US/09484850
Patent No. 6368861
GENERAL INFORMATION:
APPLICANT: CRAMERI, ANDREAS
APPLICANT: STEMMER, WILLEM P.C.
APPLICANT: MINSHULL, JEREMY
APPLICANT: BASS, STEVEN H.
APPLICANT: WELCH, MARK
APPLICANT: NESS, JON E.
APPLICANT: GUSTAFSSON, CLAES
APPLICANT: PATTEN, PHILLIP A.
TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED NUCLEIC ACID RECOMBINATION
FILE REFERENCE: 02-029630US
CURRENT APPLICATION NUMBER: US/09/484,850
CURRENT FILING DATE: 2000-01-18
PRIOR APPLICATION NUMBER: 09/408,392
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: 60/118,813
PRIOR FILING DATE: 1999-02-05
PRIOR APPLICATION NUMBER: 60/141,049
PRIOR FILING DATE: 1999-06-24
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 23
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-484-850-23

Query Match 0.9%; Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 501 ATGCAATACAGATTCT 518
Db 18 ATCAATACATTTCAT 1

RESULT 547
US-09-408-392-23/c
Sequence 23, Application US/09408392
Patent No. 6376246
GENERAL INFORMATION:
APPLICANT: CRAMERI, ANDREAS
APPLICANT: STEMMER, WILLEM P.C.
APPLICANT: MINSHULL, JEREMY
APPLICANT: BASS, STEVEN H.
APPLICANT: WELCH, MARK
APPLICANT: NESS, JON E.
APPLICANT: GUSTAFSSON, CLAES
APPLICANT: PATTEN, PHILLIP A.
TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED NUCLEIC ACID RECOMBINATION
FILE REFERENCE: 02-029620US
CURRENT APPLICATION NUMBER: US/09/408,392
CURRENT FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: 60/118,813
PRIOR FILING DATE: 1999-02-05
PRIOR APPLICATION NUMBER: 60/141,049
PRIOR FILING DATE: 1999-06-24
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 23
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-408-392-23

Query Match 0.9%; Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 501 ATGCAATACAGATTCT 518
Db 18 ATCAATACATTTCAT 1

RESULT 548
US-09-626-930-23/c
Sequence 23, Application US/09626930
Patent No. 6423542
GENERAL INFORMATION:
APPLICANT: CRAMERI, ANDREAS
APPLICANT: STEMMER, WILLEM P.C.
APPLICANT: MINSHULL, JEREMY
APPLICANT: BASS, STEVEN H.
APPLICANT: WELCH, MARK
APPLICANT: NESS, JON E.
APPLICANT: GUSTAFSSON, CLAES
APPLICANT: PATTEN, PHILLIP A.
TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED NUCLEIC ACID RECOMBINATION
FILE REFERENCE: 02-029620US
CURRENT APPLICATION NUMBER: US/09/626,930
CURRENT FILING DATE: 2000-07-27
PRIOR APPLICATION NUMBER: 09/408,392
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: 60/118,813
PRIOR FILING DATE: 1999-02-05
PRIOR APPLICATION NUMBER: 60/141,049
PRIOR FILING DATE: 1999-06-24
NUMBER OF SEQ ID NOS: 26

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 23

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer

3-09-626-930-23

Query Match 0.9%; Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 501 ATGCAATACAAGATTCCT 518
||| ||||| |||||
b 18 ATTCAATACATTATTCAT 1

RESULT 549

3-09-626-528-23/c

Sequence 23, Application US/09626528

Patent No. 6426224

GENERAL INFORMATION:

APPLICANT: CRAMERI, ANDREAS

APPLICANT: STEMMER, WILLEM P.C.

APPLICANT: MINSHULL, JEREMY

APPLICANT: BASS, STEVEN H.

APPLICANT: WELCH, MARK

APPLICANT: NESS, JON E.

APPLICANT: GUSTAFSSON, CLAES

APPLICANT: PATTEN, PHILLIP A.

TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED NUCLEIC ACID RECOMBINATION

FILE REFERENCE: 02-029620US

CURRENT APPLICATION NUMBER: US/09/626,528

CURRENT FILING DATE: 2000-07-27

PRIOR APPLICATION NUMBER: 09/408,392

PRIOR FILING DATE: 1999-09-28

PRIOR APPLICATION NUMBER: 60/118,813

PRIOR FILING DATE: 1999-02-05

PRIOR APPLICATION NUMBER: 60/141,049

PRIOR FILING DATE: 1999-06-24

NUMBER OF SEQ ID NOS: 26

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 23

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer

3-09-626-528-23

Query Match 0.9%; Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 501 ATGCAATACAAGATTCCT 518
||| ||||| |||||
b 18 ATTCAATACATTATTCAT 1

RESULT 550

3-09-626-595-23/c

Sequence 23, Application US/09626595

Patent No. 6479652

GENERAL INFORMATION:

APPLICANT: CRAMERI, ANDREAS

APPLICANT: STEMMER, WILLEM P.C.

APPLICANT: MINSHULL, JEREMY

APPLICANT: BASS, STEVEN H.

APPLICANT: WELCH, MARK

APPLICANT: NESS, JON E.

APPLICANT: GUSTAFSSON, CLAES

APPLICANT: PATTEN, PHILLIP A.

TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED NUCLEIC ACID RECOMBINATION

FILE REFERENCE: 02-029620US

CURRENT APPLICATION NUMBER: US/09/626,595

CURRENT FILING DATE: 2000-07-27

PRIOR APPLICATION NUMBER: 09/408,392

PRIOR FILING DATE: 1999-09-28

PRIOR APPLICATION NUMBER: 60/118,813

PRIOR FILING DATE: 1999-02-05

PRIOR APPLICATION NUMBER: 60/141,049

PRIOR FILING DATE: 1999-06-24

NUMBER OF SEQ ID NOS: 26

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 23

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer

US-09-626-595-23

Query Match 0.9%; Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 501 ATGCAATACAAGATTCCT 518
||| ||||| |||||
Db 18 ATTCAATACATTATTCAT 1

RESULT 551

US-09-694-863-23/c

Sequence 23, Application US/09694863

Patent No. 6521453

GENERAL INFORMATION:

APPLICANT: CRAMERI, ANDREAS

APPLICANT: STEMMER, WILLEM P.C.

APPLICANT: MINSHULL, JEREMY

APPLICANT: BASS, STEVEN H.

APPLICANT: WELCH, MARK

APPLICANT: NESS, JON E.

APPLICANT: GUSTAFSSON, CLAES

APPLICANT: PATTEN, PHILLIP A.

TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED NUCLEIC ACID RECOMBINATION

FILE REFERENCE: 02-029620US

CURRENT APPLICATION NUMBER: US/09/694,863

CURRENT FILING DATE: 2000-10-23

PRIOR APPLICATION NUMBER: 09/408,392

PRIOR FILING DATE: 1999-09-28

PRIOR APPLICATION NUMBER: 60/141,049

PRIOR FILING DATE: 1999-06-24

NUMBER OF SEQ ID NOS: 26

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 23

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer

US-09-694-863-23

Query Match 0.9%; Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 501 ATGCAATACAAGATTCCT 518
||| ||||| |||||
Db 18 ATTCAATACATTATTCAT 1

RESULT 552

US-08-487-759-1/c

Sequence 1, Application US/08487759

Patent No. 5660989

```

RESULT 553
US-08-807-104-1/c
Sequence 1, Application US/08807104
Patent No. 5861501
GENERAL INFORMATION:
APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
TITLE OF INVENTION: APTAMERS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
STATE: NJ
COUNTRY: USA
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0

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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKI, MICHAEL D
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
TELEFAX: 732-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic RNA
FEATURE:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
US-08-807-104-1

Query Match 0.9%; Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATAAAGTAAATA 1606
   ||| |||| |||| |||
DB 19 GAAATATAAAGTAAATAA 2

RESULT 554
US-08-807-104-4/c
Sequence 4, Application US/08807104
Patent No. 5861501
GENERAL INFORMATION:
APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
NUMBER OF SEQUENCES: 21
TITLE OF INVENTION: APTAMERS
CORRESPONDENCE ADDRESS:
ADDRESSER: MICHAEL D. YABLONSKI - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RARITON
STATE: NJ
COUNTRY: USA
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKI, MICHAEL D

```

REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELEPHONE: 732-594-4678
TELEFAX: 732-594-4720
TELEX:

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic RNA

FEATURE:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

S-08-807-104-4

Query Match 0.9%; Score 11.6; DB 1; Length 19;

Best Local Similarity 77.8%; Pred. No. 5.5e+02;

Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 1589 GAAATATAAAGTAAATA 1606

b 19 GAAATATAAAGTAAATA 2

RESULT 555

S-08-807-104-6/c

Sequence 6, Application US/08807104

Patent No. 5861501

GENERAL INFORMATION:

APPLICANT: BENSELER, FRITZ

APPLICANT: COLE, JAMES L.

APPLICANT: OLSEN, DAVID B.

APPLICANT: KUO, LAWRENCE C.

TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND

TITLE OF INVENTION: APTAMERS

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.

STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000

CITY: RAHWAY

STATE: NJ

COUNTRY: USA

ZIP: 07065

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/807,104

FILING DATE: 04-FEB-1997

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/480,068

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: YABLONSKY, MICHAEL D

REGISTRATION NUMBER: 40,407

REFERENCE/DOCKET NUMBER: 19406DA

TELECOMMUNICATION INFORMATION:

TELEPHONE: 732-594-4678

TELEFAX: 732-594-4720

TELEX:

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic RNA
FEATURE:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 13...13

OTHER INFORMATION:

US-08-807-104-6

Query Match 0.9%; Score 11.6; DB 1; Length 19;

Best Local Similarity 77.8%; Pred. No. 5.5e+02;

Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATAAAGTAAATA 1606

Db 19 GAAATATAAAGTAAATA 2

RESULT 556

US-08-807-104-7/c

Sequence 7, Application US/08807104

Patent No. 5861501

GENERAL INFORMATION:

APPLICANT: BENSELER, FRITZ

APPLICANT: COLE, JAMES L.

APPLICANT: OLSEN, DAVID B.

APPLICANT: KUO, LAWRENCE C.

TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND

TITLE OF INVENTION: APTAMERS

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.

STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000

CITY: RAHWAY

STATE: NJ

COUNTRY: USA

ZIP: 07065

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/807,104

FILING DATE: 04-FEB-1997

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/480,068

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: YABLONSKY, MICHAEL D

REGISTRATION NUMBER: 40,407

REFERENCE/DOCKET NUMBER: 19406DA

TELECOMMUNICATION INFORMATION:

TELEPHONE: 732-594-4678

TELEFAX: 732-594-4720

TELEX:

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic RNA

FEATURE:

NAME/KEY: Modified Base

```
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 13...13
OTHER INFORMATION:
S-08-807-104-7

Query Match 0.9%; Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1589 GAATATATAAAGTAATA 1606
|||||
19 GAAATTTAAAAATAAAA 2

RESULT 557
US-08-807-104-8/c
Sequence 8, Application US/08807104
Patent No. 5861501
GENERAL INFORMATION:
APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KEO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
TITLE OF INVENTION: APTAMERS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
STATE: NJ
COUNTRY: USA
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
TELEFAX: 732-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic RNA
FEATURE:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
US-08-807-104-9

Query Match 0.9%; Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1589 GAATATATAAAGTAATA 1606
|||||
19 GAAATTTAAAAATAAAA 2

RESULT 558
US-08-807-104-9/c
Sequence 9, Application US/08807104
Patent No. 5861501
GENERAL INFORMATION:
APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KEO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
TITLE OF INVENTION: APTAMERS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
STATE: NJ
COUNTRY: USA
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
TELEFAX: 732-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic RNA
FEATURE:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
US-08-807-104-9

Query Match 0.9%; Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 1589 GAAATATAAAAGTAATA 1606
|||||
b 19 GAAATATAAAATAAAAA 2

RESULT 559
3-08-807-104-10/c
Sequence 10, Application US/08807104
Patent No. 5861501
GENERAL INFORMATION:
APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAYWAY
STATE: NJ
COUNTRY: USA
ZIP: 07065

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELEPHONE: 732-594-4678
TELEFAX: 732-594-4720
TELEX:

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic RNA

FEATURE:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 19..19

OTHER INFORMATION:

S-08-807-104-10

Query Match 0.9%; Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 1589 GAAATATAAAAGTAATA 1606
|||||
b 19 GAAATATAAAATAAAAA 2

RESULT 560

US-08-807-104-13/c
Sequence 13, Application US/08807104
Patent No. 5861501

GENERAL INFORMATION:

APPLICANT: BENSELER, FRITZ

APPLICANT: COLE, JAMES L.

APPLICANT: OLSEN, DAVID B.

APPLICANT: Kuo, LAWRENCE C.

TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND

TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.

STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000

CITY: RAYWAY

STATE: NJ

COUNTRY: USA

ZIP: 07065

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/807,104

FILING DATE: 04-FEB-1997

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/480,068

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: YABLONSKY, MICHAEL D

REGISTRATION NUMBER: 40,407

REFERENCE/DOCKET NUMBER: 19406DA

TELECOMMUNICATION INFORMATION:

TELEPHONE: 732-594-4678

TELEFAX: 732-594-4720

TELEX:

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic RNA

FEATURE:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

US-08-807-104-13

Query Match 0.9%; Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 1589 GAAATATAAAAGTAATA 1606
|||||

b 19 GAAATATAAAATAAAAA 2

RESULT 561

US-08-807-104-14/c

Sequence 14, Application US/08807104

Patent No. 5861501

GENERAL INFORMATION:

APPLICANT: BENSELER, FRITZ

APPLICANT: COLE, JAMES L.

APPLICANT: OLSEN, DAVID B.

APPLICANT: Kuo, LAWRENCE C.

TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND

TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/807,104

FILING DATE: 04-FEB-1997

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/480,068

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: YABLONSKY, MICHAEL D

REGISTRATION NUMBER: 40,407

REFERENCE/DOCKET NUMBER: 19406DA

TELEPHONE: 732-594-4678

TELEFAX: 732-594-4720

TELEX:

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic RNA

FEATURE:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

ATTORNEY/AGENT INFORMATION:

NAME: Giesser, Joanne M.

REGISTRATION NUMBER: 32,838

REFERENCE/DOCKET NUMBER: 19398

TELEPHONE: (908)-594-3046

TELEFAX: (908)-594-4720

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

HYPOTHETICAL: NO

ANTI-SENSE: NO

US-08-973-139-1

Query Match 0.9%; Score 11.6; DB 1; Length 19;

Best Local Similarity 77.8%; Pred. No. 5.5e+02;

Mismatches 4; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

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Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

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Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

RESULT 565

US-08-480-068-1/c

Sequence 1, Application US/08480068

Patent No. 6111095

GENERAL INFORMATION:

APPLICANT: BENSELER, FRITZ

APPLICANT: COLE, JAMES L.

APPLICANT: OLSEN, DAVID B.

APPLICANT: KUO, LAWRENCE C.

TITLE OF INVENTION: CAPED SYNTHETIC RNA, ANALOGS, AND APTAMERS

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.

STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000

CITY: RAHWAY

STATE: NJ

COUNTRY: US

ZIP: 07065-0907

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/480,068

FILING DATE: 07-JUN-1995

CLASSIFICATION: 514

PRIOR APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: GIESSEY, JOANNE M

REGISTRATION NUMBER: 32,838

REFERENCE/DOCKET NUMBER: 19406

TELEPHONE: 908-594-3046

TELEFAX: 908-594-4720

TELEX:

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic RNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

US-08-973-139-1

Query Match 0.9%; Score 11.6; DB 1; Length 19;

Best Local Similarity 77.8%; Pred. No. 5.5e+02;

Mismatches 4; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

RESULT 564

S-08-973-139-1/c

Sequence 1, Application US/08973139

Patent No. 6100028

GENERAL INFORMATION:

APPLICANT: Cole, James L.

APPLICANT: Olsen, David B.

APPLICANT: KUO, LAWRENCE C.

TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESSEE: Ms. Joanne J. Giesser

STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907

CITY: Rahway

STATE: New Jersey

COUNTRY: USA

ZIP: 07065

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/973,139

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/487,760

FILING DATE:


```

; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
US-08-480-068-4
Query Match 0.98; Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATAAAAGTAATA 1606
||||| ||||| ||||| |||||
DB 19 GAAATATAAAATATAAAA 2

RESULT 567
US-08-480-068-6/c
; Sequence 6, Application US/08480068
; Patent No. 611095
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KOO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,068
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSEY, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 13...13
; OTHER INFORMATION:

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1-08-480-068-6

Query Match 0.9%; Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1589 GAAATATATAAAGTAAATA 1606
||||| ||||| ||||| ||||| |||||
19 GAAATATATAAAGTAAATA 2

SULT 568

1-08-480-068-7/c
Sequence 7, Application US/08480068
Patent No. 6111095

GENERAL INFORMATION:

APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.

TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSER: JOANNE M. GIESSEY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
STATE: NJ

COUNTRY: US

ZIP: 07065-0907

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FASTSEQ Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/480,068

FILING DATE: 07-JUN-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: GIESSEY, JOANNE M

REGISTRATION NUMBER: 32,838

REFERENCE/DOCKET NUMBER: 19406

TELECOMMUNICATION INFORMATION:

TELEPHONE: 908-594-3046

TELEFAX: 908-594-4720

TELEX:

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic RNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE:

ORIGINAL SOURCE:

FEATURE:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 13...13

OTHER INFORMATION:

S-08-480-068-7

Query Match

0.9%; Score 11.6; DB 1; Length 19;

Best Local Similarity 77.8%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATATAAAGTAAATA 1606
||||| ||||| ||||| ||||| |||||
DB 19 GAAATATATAAAGTAAATA 2

RESULT 569

US-08-480-068-8/c
Sequence 8, Application US/08480068
Patent No. 6111095

GENERAL INFORMATION:

APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.

APPLICANT: KUO, LAWRENCE C.

TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSER: JOANNE M. GIESSEY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
STATE: NJ

COUNTRY: US

ZIP: 07065-0907

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FASTSEQ Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/480,068

FILING DATE: 07-JUN-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: GIESSEY, JOANNE M

REGISTRATION NUMBER: 32,838

REFERENCE/DOCKET NUMBER: 19406

TELECOMMUNICATION INFORMATION:

TELEPHONE: 908-594-3046

TELEFAX: 908-594-4720

TELEX:

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic RNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE:

ORIGINAL SOURCE:

FEATURE:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 6...6

OTHER INFORMATION:

US-08-480-068-8

Query Match

0.9%; Score 11.6; DB 1; Length 19;

Best Local Similarity 77.8%; Pred. No. 5.5e+02;

Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 1589 GAAATATATAAGTAAATA 1606
b 19 GAAATATATAAGTAAATA 2

RESULT 570
S-08-480-068-9/c
Sequence 9, Application US/08480068
Patent No. 6111095
GENERAL INFORMATION:
APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
STATE: NJ
COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,068
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: GIESSEY, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic RNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 6...6
OTHER INFORMATION:
US-08-480-068-9

Query Match 0.9%; Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATATAAGTAAATA 1606
DB 19 GAAATATATAAGTAAATA 2

RESULT 571
US-08-480-068-10/c
Sequence 10, Application US/08480068
Patent No. 6111095
GENERAL INFORMATION:
APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
STATE: NJ
COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,068
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: GIESSEY, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic RNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 19...19
OTHER INFORMATION:
US-08-480-068-10

Query Match 0.9%; Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATATAAGTAAATA 1606
DB 19 GAAATATATAAGTAAATA 2

RESULT 572

S-08-480-068-13/c
Sequence 13, Application US/08480068
Patent No. 6111095
GENERAL INFORMATION:
APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAYWAY
STATE: NJ
COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,068
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: GIESSEY, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic RNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
US-08-480-068-13
Query Match 0.9%; Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Y 1589 GAAATATATAAAAGTAAATA 1606
||| ||||| ||||| |||||
Db 19 GAAATATATAAAAGTAAATA 2
RESULT 573
US-08-480-068-14/c
Sequence 14, Application US/08480068
Patent No. 6111095
GENERAL INFORMATION:
APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS

NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAYWAY
STATE: NJ
COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,068
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: GIESSEY, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic RNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 2...2
OTHER INFORMATION:
US-08-480-068-14
Query Match 0.9%; Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Y 1589 GAAATATATAAAAGTAAATA 1606
||| ||||| ||||| |||||
Db 19 GAAATATATAAAAGTAAATA 2
RESULT 574
US-08-480-068-15/c
Sequence 15, Application US/08480068
Patent No. 6111095
GENERAL INFORMATION:
APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.

STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
STATE: NJ

COUNTRY: US

ZIP: 07065-0907

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/480,068

FILING DATE: 07-JUN-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: GIESSE, JOANNE M

REGISTRATION NUMBER: 32,838

REFERENCE/DOCKET NUMBER: 19406

TELEPHONE: 908-594-3046

TELEFAX: 908-594-4720

TELEX:

INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic RNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE:

ORIGINAL SOURCE:

FEATURE:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 13...13

OTHER INFORMATION:

US-08-480-068-15

Query Match 0.9%; Score 11.6; DB 1; Length 19;

Best Local Similarity 77.8%; Pred. No. 5.5e+02;

Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATAAAAGTAAATA 1606

DB 19 GAAATATAAAAGTAAATA 2

RESULT 575

US-08-480-068-16/c

Sequence 16, Application US/08480068

Patent No. 611095

GENERAL INFORMATION:

APPLICANT: BENSELER, FRITZ

APPLICANT: COLE, JAMES L.

APPLICANT: OLSEN, DAVID B.

APPLICANT: KUO, LAWRENCE C.

TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: JOANNE M. GIESSE - MERCK & CO., INC.

STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000

CITY: RAHWAY

STATE: NJ

COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,068
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: GIESSE, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
TELEX:

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic RNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE:

ORIGINAL SOURCE:

FEATURE:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

US-08-480-068-16

Query Match 0.9%; Score 11.6; DB 1; Length 19;

Best Local Similarity 77.8%; Pred. No. 5.5e+02;

Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATAAAAGTAAATA 1606

DB 19 GAAATATAAAAGTAAATA 2

RESULT 576

US-08-973-137-1/c

Sequence 1, Application US/08973137

Patent No. 6369208

GENERAL INFORMATION:

APPLICANT: BENSELER, FRITZ

APPLICANT: COLE, JAMES L.

APPLICANT: OLSEN, DAVID B.

APPLICANT: KUO, LAWRENCE C.

TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: JOANNE M. GIESSE - MERCK & CO., INC.

STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000

CITY: RAHWAY

STATE: NJ

COUNTRY: US

ZIP: 07065-0907

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/973,137
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA: 08/480,068
 APPLICATION NUMBER: 08/480,068
 FILING DATE: 07-JUN-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: GIESSE, JOANNE M
 REGISTRATION NUMBER: 32,838
 REFERENCE/DOCKET NUMBER: 19406
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 908-594-3046
 TELEFAX: 908-594-4720
 TELEX:
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 19 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Genomic RNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE:
 ORIGINAL SOURCE:
 FEATURE:
 NAME/KEY: Modified Base
 LOCATION: 1...1
 OTHER INFORMATION:
 NAME/KEY: Modified Base
 LOCATION: 1...1
 OTHER INFORMATION:
 US-08-973-137-1

Query Match 0.9%; Score 11.6; DB 1; Length 19;
 Best Local Similarity 77.8%; Pred. No. 5.5e+02;
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

NY 1589 GAAATATATAAAGTAATA 1606
 ||||| ||||| ||||| ||||| |||||
 DB 19 GAAATATATAAATAAAAA 2

RESULT 577
 US-08-973-137-4/C
 ; Sequence 4, Application US/08973137
 ; Patent No. 6369208
 ; GENERAL INFORMATION:
 ; APPLICANT: BENSELER, FRITZ
 ; APPLICANT: COLE, JAMES L.
 ; APPLICANT: OLSEN, DAVID B.
 ; APPLICANT: KOO, LAWRENCE C.
 ; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
 ; NUMBER OF SEQUENCES: 21
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: JOANNE M. GIESSE - MERCK & CO., INC.
 ; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
 ; CITY: RAHWAY
 ; STATE: NJ
 ; COUNTRY: US
 ; ZIP: 07065-0907
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSEQ Version 1.5
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/973,137

FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA: 08/480,068
 APPLICATION NUMBER: 08/480,068
 FILING DATE: 07-JUN-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: GIESSE, JOANNE M
 REGISTRATION NUMBER: 32,838
 REFERENCE/DOCKET NUMBER: 19406
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 908-594-3046
 TELEFAX: 908-594-4720
 TELEX:
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 19 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Genomic RNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE:
 ORIGINAL SOURCE:
 FEATURE:
 NAME/KEY: Modified Base
 LOCATION: 1...1
 OTHER INFORMATION:
 NAME/KEY: Modified Base
 LOCATION: 1...1
 OTHER INFORMATION:
 US-08-973-137-4

Query Match 0.9%; Score 11.6; DB 1; Length 19;
 Best Local Similarity 77.8%; Pred. No. 5.5e+02;
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATATAAAGTAATA 1606
 ||||| ||||| ||||| ||||| |||||
 DB 19 GAAATATATAAATAAAAA 2

RESULT 578
 US-08-973-137-6/C
 ; Sequence 6, Application US/08973137
 ; Patent No. 6369208
 ; GENERAL INFORMATION:
 ; APPLICANT: BENSELER, FRITZ
 ; APPLICANT: COLE, JAMES L.
 ; APPLICANT: OLSEN, DAVID B.
 ; APPLICANT: KOO, LAWRENCE C.
 ; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
 ; NUMBER OF SEQUENCES: 21
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: JOANNE M. GIESSE - MERCK & CO., INC.
 ; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
 ; CITY: RAHWAY
 ; STATE: NJ
 ; COUNTRY: US
 ; ZIP: 07065-0907
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSEQ Version 1.5
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/973,137
 ; FILING DATE:
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/480,068
 ; FILING DATE: 07-JUN-1995
 ; ATTORNEY/AGENT INFORMATION:

NAME: GIESSEY, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
TELEX:

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic RNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE:

ORIGINAL SOURCE:

FEATURE:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 13...13

OTHER INFORMATION:

US-08-973-137-6

Query Match 0.9%; Score 11.6; DB 1; Length 19;

Best Local Similarity 77.8%; Pred. No. 5.5e+02;

Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATATAAGTAATA 1606

DB 19 GAAATATATAAGTAATA 2

RESULT 579

US-08-973-137-7/c

Sequence 7, Application US/08973137

Patent No. 6369208

GENERAL INFORMATION:

APPLICANT: BENSELER, FRITZ

APPLICANT: COLE, JAMES L.

APPLICANT: OLSEN, DAVID B.

TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.

STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000

CITY: RAHWAY

STATE: NJ

COUNTRY: US

ZIP: 07065-0907

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/973,137

FILING DATE:

CLASSIFICATION:

Prior Application Data:

APPLICATION NUMBER: 08/480,068

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: GIESSEY, JOANNE M

REGISTRATION NUMBER: 32,838

REFERENCE/DOCKET NUMBER: 19406

TELECOMMUNICATION INFORMATION:

TELEPHONE: 908-594-3046

TELEFAX: 908-594-4720

TELEX:

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic RNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE:

ORIGINAL SOURCE:

FEATURE:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 13...13

OTHER INFORMATION:

US-08-973-137-7

Query Match 0.9%; Score 11.6; DB 1; Length 19;

Best Local Similarity 77.8%; Pred. No. 5.5e+02;

Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATATAAGTAATA 1606

DB 19 GAAATATATAAGTAATA 2

RESULT 580

US-08-973-137-8/c

Sequence 8, Application US/08973137

Patent No. 6369208

GENERAL INFORMATION:

APPLICANT: BENSELER, FRITZ

APPLICANT: COLE, JAMES L.

APPLICANT: OLSEN, DAVID B.

APPLICANT: Kuo, LAWRENCE C.

TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.

STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000

CITY: RAHWAY

STATE: NJ

COUNTRY: US

ZIP: 07065-0907

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/973,137

FILING DATE:

CLASSIFICATION:

Prior Application Data:

APPLICATION NUMBER: 08/480,068

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: GIESSEY, JOANNE M

REGISTRATION NUMBER: 32,838

REFERENCE/DOCKET NUMBER: 19406

TELECOMMUNICATION INFORMATION:

TELEPHONE: 908-594-3046

TELEFAX: 908-594-4720

TELEX:
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic RNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 6...6
OTHER INFORMATION:

S-08-973-137-8

Query Match 0.9%; Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

y 1589 GAAATATAAAAGTAAATA 1606
||||| ||||| ||||| |||||
b 19 GAAATATAAAAGTAAATA 2

RESULT 581

S-08-973-137-9/c
Sequence 9, Application US/08973137
Patent No. 6369208
GENERAL INFORMATION:
APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUIO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
STATE: NJ
COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973,137
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: GIESSEY, JOANNE M.
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic RNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 6...6
OTHER INFORMATION:

US-08-973-137-9

Query Match 0.9%; Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1589 GAAATATAAAAGTAAATA 1606
||||| ||||| ||||| |||||
Db 19 GAAATATAAAAGTAAATA 2

RESULT 582

US-08-973-137-10/c
Sequence 10, Application US/08973137
Patent No. 6369208
GENERAL INFORMATION:
APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUIO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
STATE: NJ
COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973,137
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: GIESSEY, JOANNE M.
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: Genomic RNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 19...19
OTHER INFORMATION:
US-08-973-137-10

Query Match 0.9%; Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 1589 GAAATATAAAGTAAATA 1606
Db 19 GAAATATAAATAAAAA 2

RESULT 583

US-08-973-137-13/c
; Sequence 13, Application US/08973137
; Patent No. 6369208
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAYWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/973,137
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/480,068
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSEY, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO

ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
US-08-973-137-13

Query Match 0.9%; Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 1589 GAAATATAAAGTAAATA 1606
Db 19 GAAATATAAATAAAAA 2

RESULT 584

US-08-973-137-14/c
; Sequence 14, Application US/08973137
; Patent No. 6369208
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAYWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/973,137
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/480,068
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSEY, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1

OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 2...2
OTHER INFORMATION:
IS-08-973-137-14

Query Match 0.9% Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Y 1589 GAAATATAAAAGTAATA 1606
| | | | | | | | | | | | | | | | | | | | | |
Db 19 GAAATATAAAAGTAATA 2

RESULT 585
US-08-973-137-15/c
Sequence 15, Application US/08973137
Patent No. 6369208

GENERAL INFORMATION:
APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KOO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAYWAY
STATE: NJ
COUNTRY: US
ZIP: 07065-0907

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973,137
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: GIESSEY, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
TELEX:

INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic RNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 13...13

OTHER INFORMATION:
US-08-973-137-15

Query Match 0.9% Score 11.6; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 1589 GAAATATAAAAGTAATA 1606
| | | | | | | | | | | | | | | | | | | | | |
Db 19 GAAATATAAAAGTAATA 2

RESULT 586
US-08-973-137-16/c
Sequence 16, Application US/08973137
Patent No. 6369208
GENERAL INFORMATION:
APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KOO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAYWAY
STATE: NJ
COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973,137
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: GIESSEY, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
TELEX:

INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic RNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 12...12
OTHER INFORMATION:
US-08-973-137-16

Patent No. 6387699
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF A20 EXPRESSION
FILE REFERENCE: RTS-0141
CURRENT APPLICATION NUMBER: US/09/658,687A
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 26
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
IS-09-658-687A-26

Query Match 0.98; Score 11.6; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Y 1289 TTTATCTGAAATTTTAAAT 1306
b 1 TTTGTCGTAATGCAAT 18

RESULT 591
IS-08-807-104-2/c
Sequence 2, Application US/08807104
Patent No. 5861501
GENERAL INFORMATION:
APPLICANT: BENSELER, FRITZ
APPLICANT: COLS, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
STATE: NJ
COUNTRY: USA
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D.
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
TELEFAX: 732-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
MOLECULE TYPE: linear
FEATURE:

NAME/KEY: Modified Base
LOCATION: 2...2
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 2...2
OTHER INFORMATION:

NAME/KEY: Modified Base
LOCATION: 2...2
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 2...2
OTHER INFORMATION:
US-08-807-104-2
Query Match 0.98; Score 11.6; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
OY 1589 GAAATATAAAAGTAATA 1606
DB 20 GAAATATAAAAGTAATA 3
RESULT 592
US-08-480-068-2/c
Sequence 2, Application US/08480068
Patent No. 6111095
GENERAL INFORMATION:
APPLICANT: BENSELER, FRITZ
APPLICANT: COLS, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KUO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
STATE: NJ
COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,068
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: GIESSEY, JOANNE M.
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
MOLECULE TYPE: linear
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
NAME/KEY: Modified Base
LOCATION: 2...2
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 2...2
OTHER INFORMATION:

```

1  RESULT 595
2  US-08-496-631-4
3  , Sequence 4, Application US/08496631
4  , Patent No. 5728548
5  , GENERAL INFORMATION:
6  ,
7  , APPLICANT: Bowman, Michael
8  ,
9  , TITLE OF INVENTION: STEROID RECEPTOR RRI
10 ,
11 , NUMBER OF SEQUENCES: 7
12 ,
13 , CORRESPONDENCE ADDRESS:
14 ,
15 , ADDRESSEE: Genetics Institute, Inc.
16 ,
17 , STREET: 87 CambridgePark Drive
18 ,
19 , CITY: Cambridge
20 ,
21 , STATE: Massachusetts
22 ,
23 , COUNTRY: U.S.A.
24 ,
25 , ZIP: 02140
26 ,
27 , COMPUTER READABLE FORM:
28 ,
29 , MEDIUM TYPE: Floppy disk
30 ,
31 , COMPUTER: IBM PC Compatible
32 ,

```

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/496.631
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET NUMBER: G15248
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8224
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-496-631-4

Query Match 0.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 30.8%; Pred. No. 2.5e+02;
Matches 4; Conservative 8; Mismatches 1; Indels 0; Gaps 0;

Y 1046 ATTATGCTATTATTA 1058
b 1 AAAAAAAAAA 13

RESULT 596
US-08-441-887A-124/c
Sequence 124, Application US/08441887A
Patent No. 5937832
GENERAL INFORMATION:

APPLICANT: Chee, Mark
APPLICANT: Cronin, Maureen T.
APPLICANT: Fodor, Stephen P.A.
APPLICANT: Huang, Xiaohua X.
APPLICANT: Hubbell, Earl A.
APPLICANT: Lipshutz, Robert J.
APPLICANT: Lobban, Peter E.
APPLICANT: Morris, Macdonald S.
APPLICANT: Sheldon, Edward L.
TITLE OF INVENTION: Arrays of Nucleic Acid Probes on
TITLE OF INVENTION: Biological Chips
NUMBER OF SEQUENCES: 360
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,887A
FILING DATE: 16-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/143,312
FILING DATE: 26-OCT-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/082,937
FILING DATE: 25-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Liebeschuetz, Joseph O.

REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 018547-004160US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-326-2400
TELEFAX: 650-326-2422
INFORMATION FOR SEQ ID NO: 124:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (probe)
US-08-441-887A-124

Query Match 0.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 998 CATCATACATATA 1010
DB 13 CATCATACATATA 1

RESULT 597
US-09-183-846A-12
Sequence 12, Application US/09183846A
Patent No. 6255046
GENERAL INFORMATION:

APPLICANT: Richard J. Bucala et al.
TITLE OF INVENTION: Inducible Phosphofructokinase and the Warberg Effect
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: DAVIS WRIGHT TREMAINE
STREET: 1501 Fourth Avenue, 2600 Century Square
CITY: Seattle
STATE: Washington
COUNTRY: U.S.A.
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: PC compatible
OPERATING SYSTEM: Windows95
SOFTWARE: Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/183,846A
FILING DATE: 10/30/98
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Oster, Jeffrey B.
REGISTRATION NUMBER: 32,585
REFERENCE/DOCKET NUMBER: 0902
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206 628 7711
TELEFAX: 206 628 7699
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 13
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: query sequence
US-09-183-846A-12

Query Match 0.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1046 ATTATGCTATTATTA 1058
DB 1 ATTATGCTATTATTA 13

RESULT 598

```
US-08-961-578C-12
; Sequence 12, Application US/08961578C
; Patent No. 6413939
; GENERAL INFORMATION:
; APPLICANT: Bucala, Richard J. et al.
; TITLE OF INVENTION: Cancer Treatment Assay Using the Warberg Effect
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: THE PICOWER INSTITUTE FOR MEDICAL RESEARCH
; STREET: 350 Community Drive
; CITY: Manhasset
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 11030
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: PC compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/961,578C
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Oster, Jeffrey B.
; REGISTRATION NUMBER: 32,585
; REFERENCE/DOCKET NUMBER: 0901
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 516 562 9404
; TELEFAX: 516 365 7919
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: query sequence
US-08-961-578C-12

Query Match 0.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1046 ATTATTATTATTA 1058
Db 1 ATTATTATTATTA 13

RESULT 599
US-08-551-275-7
; Sequence 7, Application US/08551275
; Patent No. 5679551
; GENERAL INFORMATION:
; APPLICANT: Alderete, John F.
; TITLE OF INVENTION: Unique Double-Stranded RNAs Associated
; with the Trichomonas Vaginalis Virus
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: TX
; COUNTRY: US
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/551,275
; FILING DATE: 30-OCT-1995
; CLASSIFICATION: 514
```

```
US-08-961-578C-12
; ATTORNEY/AGENT INFORMATION:
; NAME: Corder, Timothy S.
; REGISTRATION NUMBER: 38,414
; REFERENCE/DOCKET NUMBER: UTSK:267/COD
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (512) 474-7577
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-551-275-7

Query Match 0.9%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1197 TTTTTCAGATTAAA 1209
Db 1 TTTTTCAGATTAAA 13

RESULT 600
US-08-715-568A-7/c
; Sequence 7, Application US/08715568A
; Patent No. 5856463
; GENERAL INFORMATION:
; APPLICANT: Prydz, Hans Peter Blankenborg
; APPLICANT: Brede, Gaute
; TITLE OF INVENTION: PSKH-1 Ribozymes and Uses in Disease
; TITLE OF INVENTION: Treatment
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lerner, David, Littenberg, Krumholz & Mentlik
; STREET: 600 South Avenue West
; CITY: Westfield
; STATE: NJ
; COUNTRY: USA
; ZIP: 07090-1497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/715,568A
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Foley, Shawn P.
; REFERENCE/DOCKET NUMBER: FORSK 3.0-002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-654-5000
; TELEFAX: 908-654-7866
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-715-568A-7

Query Match 0.9%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 817 AGCTGGAATCCT 829
Db 13 AGCTGGAATCCT 1
```

RESULT 601
US-08-913-833-146
Sequence 146, Application US/08913833
Patent No. 6087093
GENERAL INFORMATION:
APPLICANT: STUYVER, LIEVEN
APPLICANT: LOUWAGIE, JOOST
APPLICANT: ROSSAU, RUDI
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
NUMBER OF SEQUENCES: 164
CORRESPONDENCE ADDRESS:
ADDRESSEE: ARNOLD, WHITE & DURKEE
STREET: P.O. BOX 4433
CITY: HOUSTON
STATE: TEXAS
COUNTRY: USA
ZIP: 77210-4433
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 6.0 / ASCII text output
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/913,833
FILING DATE: 15 Sep 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP97/00211
FILING DATE: 17 Jan 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 96870005.4
FILING DATE: 26 Jan 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 96870081.5
FILING DATE: 25 Jun 1996
ATTORNEY/AGENT INFORMATION:
NAME: KAMMERER, PATRICIA A.
REGISTRATION NUMBER: 29,775
REFERENCE/DOCKET NUMBER: INNS:008
INFORMATION FOR SEQ ID NO: 146:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-913-833-146
Query Match 0.9%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
1 1247 CAGATAAAACAACA 1259
2 CAGATAAAACAACA 14

RESULT 602
US-08-872-917-6
Sequence 6, Application US/08872917
Patent No. 6096549
GENERAL INFORMATION:
APPLICANT: PELICIC, Vladimir
APPLICANT: REYRAT, Jean-Marc
APPLICANT: GICQUEL, Brigitte
TITLE OF INVENTION: METHOD OF SELECTION OF ALLELIC EXCHANGE MUTANTS
FILE REFERENCE: 03495.0148-01
CURRENT APPLICATION NUMBER: US/08/872,917
CURRENT FILING DATE: 1997-07-11
EARLIER APPLICATION NUMBER: 08/661,658

EARLIER FILING DATE: 1996-06-11
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 6
LENGTH: 14
TYPE: DNA
ORGANISM: Mycobacterium sp.
US-08-872-917-6
Query Match 0.9%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 618 AAAAAACAACAAA 630
Db 1 AAAAAACAACAAA 13

RESULT 603
US-09-194-679-11
Sequence 11, Application US/09194679
Patent No. 6329144
GENERAL INFORMATION:
APPLICANT: KUBISTA, Mikael
APPLICANT: SVANVIK, Nicke
TITLE OF INVENTION: PROBE FOR ANALYSIS OF NUCLEIC ACIDS
FILE REFERENCE: 2921-107P
CURRENT APPLICATION NUMBER: US/09/194,679
CURRENT FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 11
LENGTH: 14
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Partial PNA
OTHER INFORMATION: sequence
US-09-194-679-11
Query Match 0.9%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 458 TCACACTTCATG 470
Db 2 TCACACTGCATG 14

RESULT 604
US-09-580-794C-146
Sequence 146, Application US/09580794C
Patent No. 6331389
GENERAL INFORMATION:
APPLICANT: STUYVER, Lieven
APPLICANT: LOUWAGIE, Joost
APPLICANT: ROSSAU, Rudi
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
TRANSCRIPTASE GENE
FILE REFERENCE: INNS008-2
CURRENT APPLICATION NUMBER: US/09/580,794C
CURRENT FILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,053
PRIOR FILING DATE: 1997-09-15
PRIOR APPLICATION NUMBER: PCT/EP 97/00211
PRIOR FILING DATE: 1997-01-17
PRIOR APPLICATION NUMBER: EP 96870005.4
PRIOR FILING DATE: 1996-01-26
PRIOR APPLICATION NUMBER: EP 96870081.5
PRIOR FILING DATE: 1996-06-25
NUMBER OF SEQ ID NOS: 164
SOFTWARE: PatentIn version 3.0
SEQ ID NO 146

LENGTH: 14
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic Primer
US-09-580-794C-146

Query Match 0.9%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1247 CAGATAAACACA 1259
Db 2 CAGATAAACACA 14

RESULT 605
US-08-535-249-110
Sequence 110, Application US/08535249
Patent No. 6455689
GENERAL INFORMATION:
APPLICANT: Schlengersien, Georg-Ferdinand
APPLICANT: Brysch, Wolfgang
APPLICANT: Schlengersien, Karl-Hermann
APPLICANT: Schlengersien, Reimar
TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
TITLE OF INVENTION: immuno-suppressive effect of transforming-growth-factor beta
NUMBER OF SEQUENCES: 137
CORRESPONDENCE ADDRESS: 137
ADDRESS: Jacobson, Price, Holman & Stern
STREET: 400 Seventh St. N.W.
CITY: Washington D.C.
COUNTRY: U.S.A.
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/535,249
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 93 107 089.0
FILING DATE: 30-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 93 107 849.7
FILING DATE: 13-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: Player, William E.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)638-6666
TELEFAX: (202) 393-5350
TELEX: RCA 248593 IDEA UR
INFORMATION FOR SEQ ID NO: 110:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
ANTI-SENSE: YES
US-08-535-249-110

Query Match 0.9%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 477 GTGGTCTGTGT 489

Db 1 GTGGTCTGTGT 13

RESULT 606
US-09-475-947A-148
Sequence 148, Application US/09475947A
Patent No. 6472154
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Wren, Jonathan D.
TITLE OF INVENTION: Polymorphic Repeats in Human Genes
FILE REFERENCE: UTSD0667
CURRENT APPLICATION NUMBER: US/09/475,947A
CURRENT FILING DATE: 1999-12-31
NUMBER OF SEQ ID NOS: 346
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 148
LENGTH: 14
TYPE: DNA
ORGANISM: human
US-09-475-947A-148

Query Match 0.9%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1047 TTTATGTATTAT 1059
Db 2 TTTATGTATTAT 14

RESULT 607
US-09-475-947A-310
Sequence 310, Application US/09475947A
Patent No. 6472154
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Wren, Jonathan D.
TITLE OF INVENTION: Polymorphic Repeats in Human Genes
FILE REFERENCE: UTSD0667
CURRENT APPLICATION NUMBER: US/09/475,947A
CURRENT FILING DATE: 1999-12-31
NUMBER OF SEQ ID NOS: 346
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 310
LENGTH: 14
TYPE: DNA
ORGANISM: human
US-09-475-947A-310

Query Match 0.9%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 618 AAAAAACACAA 630
Db 2 AAAAAACACAA 14

RESULT 608
US-08-479-248-10/c
Sequence 10, Application US/08479248
Patent No. 5594121
GENERAL INFORMATION:
APPLICANT: FROEHLER, BRIAN
APPLICANT: MATTEUCCI, MARK
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
FORMATION WITH OLIGOMERS CONTAINING MODIFIED PURINES
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:

ADDRESSEE: GILEAD SCIENCES INC.
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: CA
COUNTRY: USA
ZIP: 94004

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/479,248
FILING DATE: 07-JUN-1995

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 160.1C
TELEPHONE: (415) 574-3000
TELEFAX: (415) 573-4899

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

FEATURE:

NAME/KEY: misc difference
LOCATION: one-of(6, 9, 11, 13, 15)
OTHER INFORMATION: /note= "These positions are T."
OTHER INFORMATION: 5-(1-propynyl)-2'-deoxyuridine (pdu), or other suitable
OTHER INFORMATION: Pyrimidines."

FEATURE:

NAME/KEY: misc difference
LOCATION: replace(10, "")
OTHER INFORMATION: /note= "This position is
OTHER INFORMATION: 7-substituted deazapurine nucleomonomer."

FEATURE:

NAME/KEY: misc difference
LOCATION: one-of(1, 2, 3, 4, 5, 7, 8, 12, 14)
OTHER INFORMATION: /note= "These positions are
OTHER INFORMATION: 2'-deoxyadenosine."

S-08-479-248-10

Query Match 0.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1005 ACATAAATTATTT 1018
b 15 ATATANATTATTT 2

RESULT 609

S-08-319-492B-114
Sequence 114, Application US/08319492B
Patent No. 5616488

GENERAL INFORMATION:

APPLICANT: Sullivan, Sean M.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
NUMBER OF SEQUENCES: 751
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles

STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/319,492B
FILING DATE: October 7, 1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/276
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 114:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-319-492B-114

Query Match 0.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 46.2%; Pred. No. 3.7e+02;
Matches 6; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 1476 ATTCTTATATAT 1488
Db 2 AUCUUAUAUAU 14

RESULT 610

US-08-319-492B-115
Sequence 115, Application US/08319492B
Patent No. 5616488

GENERAL INFORMATION:

APPLICANT: Sullivan, Sean M.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
NUMBER OF SEQUENCES: 751
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/319,492B

```

; FILING DATE: October 7, 1994
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/276
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 115:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-319-492B-115
;
; Query Match 0.9%; Score 11.4; DB 1; Length 15;
; Best Local Similarity 46.2%; Pred. No. 3.7e+02;
; Matches 6; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 1615 TTAAATATTAAT 1627
DB 1 UUAUAUAUAUUU 13

RESULT 611
US-08-319-492B-122
; Sequence 122, Application US/08319492B
; Patent No. 5616488
; GENERAL INFORMATION:
; APPLICANT: Sullivan, Sean M.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF IL-5
; NUMBER OF SEQUENCES: 751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/319,492B
; FILING DATE: October 7, 1994
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327

```

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; REFERENCE/DOCKET NUMBER: 209/276
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 122:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-319-492B-122
;
; Query Match 0.9%; Score 11.4; DB 1; Length 15;
; Best Local Similarity 76.9%; Pred. No. 3.7e+02;
; Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 416 AGAATCAGTGAG 428
DB 3 AGAUAUAUUAAG 15

RESULT 612
US-08-334-847-42/c
; Sequence 42, Application US/08334847
; Patent No. 5693532
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Draper, Kenneth
; APPLICANT: Pavco, Pam
; APPLICANT: Woolf, Tod
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING RESPIRATORY
; TITLE OF INVENTION: SYNCYTIAL VIRUS
; NUMBER OF SEQUENCES: 909
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/334,847
; FILING DATE: No. 5693532ember 4, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-334-847-42
;
; Query Match 0.9%; Score 11.4; DB 1; Length 15;
; Best Local Similarity 92.3%; Pred. No. 3.7e+02;

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Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1050 ATGTAATTAATTA 1062
 |||||
 b 15 ATGTAATTAATTA 3

RESULT 613

US-08-334-847-43/c
 Sequence 43, Application US/08334847
 Patent No. 5693532

GENERAL INFORMATION:

APPLICANT: McSwiggen, James
 APPLICANT: Draper, Kenneth

APPLICANT: Pavco, Pam

APPLICANT: Woolf, Tod

TITLE OF INVENTION: METHOD AND REAGENT FOR

TITLE OF INVENTION: INHIBITING RESPIRATORY

TITLE OF INVENTION: SYNCTIAL VIRUS

NUMBER OF SEQUENCES: 909

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/334,847

FILING DATE: No. 5693532ember 4, 1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/032

TELEPHONE: (213) 489-1600

TELEPHONE: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 43:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-334-847-43

Query Match 0.9%; Score 11.4; DB 1; Length 15;

Best Local Similarity 92.3%; Pred. No. 3.7e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1050 ATGTAATTAATTA 1062

b 14 ATGTAATTAATTA 2

RESULT 614

US-08-440-787A-117/c

Sequence 117, Application US/08440787A

Patent No. 5770434

GENERAL INFORMATION:

APPLICANT: Huse, William D.

TITLE OF INVENTION: Soluble Peptides Having Constrained,

TITLE OF INVENTION: Secondary Conformation in Solution and Method of Making

TITLE OF INVENTION: Same.
 NUMBER OF SEQUENCES: 174
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Campbell & Flores LLP
 STREET: 4370 La Jolla Village Drive, Suite 700
 CITY: San Diego
 STATE: California
 COUNTRY: USA
 ZIP: 92122

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/440,787A

FILING DATE: 15-MAY-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/978,893

FILING DATE: 10-NOV-1992

ATTORNEY/AGENT INFORMATION:

NAME: Campbell, Cathryn A.

REGISTRATION NUMBER: 31,815

REFERENCE/DOCKET NUMBER: P-IX 1586

TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 535-9001

TELEFAX: (619) 535-8949

INFORMATION FOR SEQ ID NO: 117:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

FEATURE:

NAME/KEY: misc feature

LOCATION: 13..14

OTHER INFORMATION: /note= "N = X (used in Table VI),

OTHER INFORMATION: which represents an equal mixture of all four

OTHER INFORMATION: nucleotides."

US-08-440-787A-117

Query Match 0.9%; Score 11.4; DB 1; Length 15;

Best Local Similarity 80.0%; Pred. No. 3.7e+02;

Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1579 TGATTGTATCGAAT 1593

Db 15 TNNTTGTATCGAATT 1

RESULT 615

US-08-671-071B-4

Sequence 4, Application US/08671071B

Patent No. 5811270

GENERAL INFORMATION:

APPLICANT: Grandgenett, Duane

TITLE OF INVENTION: An in vitro method for concerted integration of

TITLE OF INVENTION: donor DNA molecules using retroviral integrase proteins.

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:

ADDRESSEE: Grandgenett, Duane

STREET: 8610 Henrietta Ave

CITY: Brentwood

STATE: Missouri

COUNTRY: USA

ZIP: 63144

COMPUTER READABLE FORM:

MEDIUM TYPE: Distette, 3.5 inch;

COMPUTER: Gateway 2000, 4DX2-66E (Intel)

OPERATING SYSTEM: IBM clone

SOFTWARE: Microsoft Word

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/671,071B
FILING DATE: 06/27/96
CLASSIFICATION: 435
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 962-0064
TELEFAX: (314) 577-8406
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHEICAL: no
ANTI-SENSE: no
ORIGINAL SOURCE: Combination of avian or HIV-1 retrovirus
ORIGINAL SOURCE: DNA, p1AN7 plasmid and pGEM plasmid.
IMMEDIATE SOURCE: Same as in 2,vi.
FEATURE:
OTHER INFORMATION: The sequence is the bottom strand of
OTHER INFORMATION: M-2 US and the pGEM target of the middle clone shown in
OTHER INFORMATION: Figure 14 of original application.
US-08-671-071B-4

Query Match 0.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1424 TCATATGATGATA 1436
DB 3 TCATATGATGATA 15

RESULT 616

US-08-311-486C-203
Sequence 203, Application US/08311486C
Patent No. 5811300

GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisich
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
FILING DATE: December 7, 1992

two

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
FILING DATE: December 7, 1992

Query Match 0.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 30.8%; Pred. No. 3.7e+02;
Matches 4; Conservative 8; Mismatches 1; Indels 0; Gaps 0;

QY 1046 ATTATGATTTA 1058
DB 1 AUUAUUUAUUA 13

RESULT 617

US-08-311-486C-700
Sequence 700, Application US/08311486C
Patent No. 5811300

GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisich
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
FILING DATE: December 7, 1992

two

```

: INFORMATION FOR SEQ ID NO: 700:
:
: SEQUENCE CHARACTERISTICS:
:     LENGTH: 15 base pairs
:     TYPE: nucleic acid
:     STRANDEDNESS: single
:     TOPOLOGY: linear
:
: MS-08-311-486C-700

```

Query Match 0.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 30.8%;
Pred. No. 3.7e+02;
Matches 4; Conservative 8; Mismatches 1; Indels

NY 1039 ATTATTATTTAT 1051
| :: | :: | :: | ::
b 2 ACUUAUUUUUU 14

RESULT 618
 S-08-311-486C-701
 Sequence 701, Application US/08311486C
 Patent No. 5811300
 GENERAL INFORMATION:

```
Query Match      0.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 30.8%; Pred.No.3.7e+02;
Matches 4; Conservative 8; Mismatches 1; Indels
```

RESULT 619
 US-08-311-486C-722
 : Sequence 722, Application US/08311486C
 : Patent No. 5811300
 :
 : GENERAL INFORMATION:
 :
 : APPLICANT: Sean Sullivan
 : APPLICANT: Kenneth Draper
 : APPLICANT: Kevin Kisch
 : APPLICANT: Dan T. Stinchcomb
 : APPLICANT: James McSwigen
 :
 : TITLE OF INVENTION: RIBOZYME TREATMENT OF
 : TITLE OF INVENTION: DISEASES OR CONDITIONS
 : TITLE OF INVENTION: RELATED TO LEVELS OF
 : TITLE OF INVENTION: INF-
 : NUMBER OF SEQUENCES: 1157
 : CORRESPONDENCE ADDRESS:
 :
 : ADDRESSES: Lyon & Lyon
 : STREET: 633 West Fifth Street
 : STREET: Suite 4700
 : CITY: Los Angeles
 : STATE: California
 : COUNTRY: U.S.A.
 : ZIP: 90071-2066
 :
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 : MEDIUM TYPE: storage
 : COMPUTER: IBM Compatible
 : OPERATING SYSTEM: IBM P.C. DOS 5.0
 : SOFTWARE: Word Perfect 5.1
 : CURRENT APPLICATION DATA:
 : APPLICATION NUMBER: US/08/311,486C
 : FILING DATE: September 23, 1994
 : CLASSIFICATION: 435
 :
 : PRIOR APPLICATION DATA:
 : PRIOR APPLICATION DATA: including application
 : PRIOR APPLICATION DATA: described below:
 :
 : APPLICATION NUMBER: 08/008,895
 : FILING DATE: January 19, 1993
 : APPLICATION NUMBER: 07/889,849
 : FILING DATE: December 7, 1992
 : ATTORNEY/AGENT INFORMATION:
 : NAME: Warburg, Richard J.
 : REGISTRATION NUMBER: 32,327
 : REFERENCE/DOCKET NUMBER: 209/166
 :
 : TELECOMMUNICATION INFORMATION:
 : TELEPHONE: (213) 489-1600
 : TELEFAX: (213) 955-0440
 : TELEX: 67-3510
 :
 : INFORMATION FOR SEQ ID NO: 722:
 :
 : SEQUENCE CHARACTERISTICS:
 : LENGTH: 15 base pairs
 : TYPE: nucleic acid
 : STRANDEDNESS: single
 : TOPOLOGY: linear
 :
 : US-08-311-486C-722

```

INFORMATION FOR SEQ ID NO: 701:
SEQUENCE CHARACTERISTICS:
  LENGTH: 15 base pairs
  TYPE: nucleic acid
  STRANDEDNESS: single
  TOPOLOGY: linear
S-08-311-486C-701

Query Match      0.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 23.1%; Pred. No. 3.7e+03;
Matches 3; Conservative 9; Mismatches 1; Indels 0; Gaps 0;

QY 1045 TATTATGCTATT 1057
      :|:::|:|:::
Db 1 UAUUUUUUUUUU 13

```

two

two

RESULT 620
 US-08-292-620A-149/c
 ; Sequence 149, Application US/08292620A
 ; Patent No. 5837542
 ; GENERAL INFORMATION:
 ; APPLICANT: Susan Grimm
 ; APPLICANT: Dan T. Stinchcomb
 ; APPLICANT: James McSwiggen
 ; APPLICANT: Sean Sullivan
 ; APPLICANT: Kenneth G. Draper
 ; TITLE OF INVENTION: RIBOZYME TREATMENT OF
 ; DISEASES OR CONDITIONS
 ; TITLE OF INVENTION: RELATED TO LEVELS OF
 ; INTRACELLULAR ADHESION
 ; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
 ; NUMBER OF SEQUENCES: 2390
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/292,620A
 ; FILING DATE: August 17, 1994
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; PRIOR APPLICATION DATA: including application
 ; PRIOR APPLICATION DATA: described below:
 ; APPLICATION NUMBER: 08/008,895
 ; FILING DATE: January 19, 1993
 ; FILING DATE: December 7, 1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 208/149
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 149:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-292-620A-149

Query Match 0.9%; Score 11.4; DB 1; Length 15;
 Best Local Similarity 92.3%; Pred. No. 3.7e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 954 CACAGTGATGTTG 866
 |||||
 Db 14 CACAGTGATGATG 2

RESULT 621
 US-08-292-620A-218
 ; Sequence 218, Application US/08292620A
 ; Patent No. 5837542
 ; GENERAL INFORMATION:
 ; APPLICANT: Susan Grimm

; APPLICANT: Dan T. Stinchcomb
 ; APPLICANT: James McSwiggen
 ; APPLICANT: Sean Sullivan
 ; APPLICANT: Kenneth G. Draper
 ; TITLE OF INVENTION: RIBOZYME TREATMENT OF
 ; DISEASES OR CONDITIONS
 ; TITLE OF INVENTION: RELATED TO LEVELS OF
 ; INTRACELLULAR ADHESION
 ; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
 ; NUMBER OF SEQUENCES: 2390
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/292,620A
 ; FILING DATE: August 17, 1994
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; PRIOR APPLICATION DATA: including application
 ; PRIOR APPLICATION DATA: described below:
 ; APPLICATION NUMBER: 08/008,895
 ; FILING DATE: January 19, 1993
 ; FILING DATE: December 7, 1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 208/149
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 218:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-292-620A-218

Query Match 0.9%; Score 11.4; DB 1; Length 15;
 Best Local Similarity 38.5%; Pred. No. 3.7e+02;
 Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 1050 ATGTATTATTATTA 1062
 ||:|:|:|:|:|
 Db 1 AUGAUAUUAUCA 13

RESULT 622
 US-08-292-620A-512
 ; Sequence 512, Application US/08292620A
 ; Patent No. 5837542
 ; GENERAL INFORMATION:
 ; APPLICANT: Susan Grimm
 ; APPLICANT: Dan T. Stinchcomb
 ; APPLICANT: James McSwiggen
 ; APPLICANT: Sean Sullivan
 ; APPLICANT: Kenneth G. Draper
 ; TITLE OF INVENTION: RIBOZYME TREATMENT OF
 ; DISEASES OR CONDITIONS
 ; TITLE OF INVENTION: RELATED TO LEVELS OF

two

two

TITLE OF INVENTION: INTRACELLULAR ADHESION
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.

ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB

MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994

CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 512:

SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-292-620A-512

Query Match 0.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 38.5%; Pred. No. 3.7e+02;
Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

y 1050 ATGTATTATTATTA 1062
|:|:|:|:|:|:
b 2 AUGUAUUUAUUA 14

RESULT 623

US-08-292-620A-513
Sequence 513, Application US/08292620A
Patent No. 5837542

GENERAL INFORMATION:

APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan

APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION

TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street

SUITE: Suite 4700

CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 513:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-292-620A-513

Query Match 0.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 38.5%; Pred. No. 3.7e+02;
Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

Qy 1050 ATGTATTATTATTA 1062
|:|:|:|:|:|:
Db 1 AUGUAUUUAUUA 13

RESULT 624

US-08-292-620A-516
Sequence 516, Application US/08292620A
Patent No. 5837542

GENERAL INFORMATION:

APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan

APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION

TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street

SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 516:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TPP: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-516

Query Match 0.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 38.5%; Pred. No. 3.7e+02;
Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

two

PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 499-1600
TELEFAX: (213) 555-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 518:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-518

RESULT 266
US-08-292-620A-576
Sequence 576, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF
INTRACELLULAR ADHESION
MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292.620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992

```

1 ZIP: 90071-2086
2
3 COMPUTER READABLE FORM:
4
5 MEDIUM TYPE: 3.5" Diskette, 1.44 MB
6
7 MEDIUM TYPE: storage
8
9 COMPUTER: IBM Compatible
10
11 OPERATING SYSTEM: IBM P.C. DOS 5.0
12
13 SOFTWARE: Word Perfect 5.1
14
15 CURRENT APPLICATION DATA:
16
17 APPLICATION NUMBER: US/08/292,620A
18
19 FILING DATE: August 17, 1994
20
21 CLASSIFICATION: 435
22

```

```

Query Match      0.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1038 TATTATATATTTA 1050
      |||||
13 TATTATATATTTA 1

RESULT 528
3-08-716-308-14/c
Sequence 14, Application US/08716308
Patent No. 5985569
GENERAL INFORMATION:
APPLICANT: kindgen John D

```

TITLE OF INVENTION: Biological Insect Control Agent
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: ZENBCA INC.

STREET: 1800 Concord Pike
CITY: Wilmington
STATE: DE
COUNTRY: USA

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/716,308
FILING DATE: 24-SEP-1996
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB95/00677
FILING DATE: 27-MAR-1995
PRIOR APPLICATION DATA:

FILING DATE: 25-MAR-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Hohenschutz, Liza D.
 REGISTRATION NUMBER: 33,712
 REFERENCE/DOCKET NUMBER: PPD40027X/UST
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (302) 886-1699
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA

```

Query Match: 92.3%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

441 CTTCAAGCAAATC 453
|||||
15 CTTCAAGCAAATC 3

SULT 629
08-456-860-58/c

```

206-468-860-58/C
Sequence 58, Application US/08466860
Patent No. 5985552
GENERAL INFORMATION:
APPLICANT: HOWELL, MARK D.
APPLICANT: BROSTOFF, STEVEN W.
APPLICANT: CARLO, DENNIS J.
TITLE OR INVENTION: VACCINATION AND METHODS AGAINST DISEASES

APPLICANT: CARLO, DENNIS J.
TITLE OF INVENTION: VACCINATION AND METHODS AGAINST DISEASES
RESULTING FROM PATHOGENIC RESPONSES BY SPECIFIC T CELL

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: EP 96870005.4
 FILING DATE: 26 Jan 1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: EP 96870081.5
 FILING DATE: 25 Jun 1996
 ATTORNEY/AGENT INFORMATION:
 NAME: KAMMERER, PATRICIA A.
 REGISTRATION NUMBER: 29,775
 REFERENCE/DOCKET NUMBER: INNS:008
 INFORMATION FOR SEQ ID NO: 30:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 S-08-913-833-30

Query Match 0.9%; Score 11.4; DB 1; Length 15;
 Best Local Similarity 92.3%; Pred. No. 3.7e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

y 725 ATTTCAGGATTC 737
 ||||| |||||
 b 1 ATTTCAGGATTC 13

RESULT 632
 S-08-913-833-148
 Sequence 148, Application US/08913833
 Patent No. 6087093

GENERAL INFORMATION:
 APPLICANT: STUYVER, LIEVEN
 APPLICANT: LOUWAGIE, JOOST
 APPLICANT: ROSSAU, RUDI
 TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
 TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
 NUMBER OF SEQUENCES: 164
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: ARNOLD, WHITE & DURKEE
 STREET: P.O. BOX 4433
 CITY: HOUSTON
 STATE: TEXAS
 COUNTRY: USA
 ZIP: 77210-4433

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Microsoft Word 6.0 / ASCII text output
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/913,833
 FILING DATE: 15 Sep 1997
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/EP97/00211
 FILING DATE: 17 Jan 1997
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: EP 96870005.4
 FILING DATE: 26 Jan 1996
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: EP 96870081.5
 FILING DATE: 25 Jun 1996
 ATTORNEY/AGENT INFORMATION:
 NAME: KAMMERER, PATRICIA A.
 REGISTRATION NUMBER: 29,775
 REFERENCE/DOCKET NUMBER: INNS:008
 INFORMATION FOR SEQ ID NO: 148:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid

STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 S-08-913-833-148

Query Match 0.9%; Score 11.4; DB 1; Length 15;
 Best Local Similarity 92.3%; Pred. No. 3.7e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1247 CAGATTAACACCA 1259
 ||||| |||||
 Db 3 CAGATTAACACCA 15

RESULT 633
 US-08-472-040A-58/c
 Sequence 58, Application US/08472040A
 Patent No. 6090387

GENERAL INFORMATION:
 APPLICANT: HOWELL, MARK D.
 APPLICANT: BROSTOFF, STEVEN W.
 APPLICANT: CARLO, DENNIS J.
 TITLE OF INVENTION: VACCINATION AND METHODS AGAINST DISEASES
 TITLE OF INVENTION: RESULTING FROM PATHOGENIC RESPONSES BY SPECIFIC T CELL
 TITLE OF INVENTION: POPULATIONS
 NUMBER OF SEQUENCES: 77
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CAMPBELL & FLORES LLP
 STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700
 CITY: SAN DIEGO
 STATE: CALIFORNIA
 COUNTRY: UNITED STATES
 ZIP: 92122

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/472,040A
 FILING DATE: 06-JUN-1995
 CLASSIFICATION: 424
 ATTORNEY/AGENT INFORMATION:
 NAME: CAMPBELL, CATHRYN
 REGISTRATION NUMBER: 31,815
 REFERENCE/DOCKET NUMBER: P-IM 1641
 TELEPHONE: 619-535-9801
 TELEFAX: 619-535-8949
 INFORMATION FOR SEQ ID NO: 58:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-08-472-040A-58

Query Match 0.9%; Score 11.4; DB 1; Length 15;
 Best Local Similarity 92.3%; Pred. No. 3.7e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 574 TCCAGAACATCT 586
 ||||| |||||
 Db 15 TCCAGAACATCT 3

RESULT 634
 US-09-071-845-149/c
 Sequence 149, Application US/09071845
 Patent No. 6132967

GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071.845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292.620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 149:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-149

Query Match 0.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 954 CACAGTGATGTTG 966
DB 14 CACAGTGATGATG 2

RESULT 635
US-09-071-845-218
Sequence 218, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF

GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071.845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292.620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 218:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-218

Query Match 0.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 38.5%; Pred. No. 3.7e+02;
Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 1050 ATGTATTATTATTA 1062
DB 1 AUGUAUUUUUUA 13

RESULT 636
US-09-071-845-512
Sequence 512, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/071,845
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/292,620
 FILING DATE: August 17, 1994
 APPLICATION NUMBER: 08/008,895
 FILING DATE: January 19, 1993
 APPLICATION NUMBER: 07/989,849
 FILING DATE: December 7, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 208/149
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 512:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 S-09-071-845-512

Query Match 0.9%; Score 11.4; DB 1; Length 15;
 Best Local Similarity 38.5%; Pred. No. 3.7e+02;
 Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

Y 1050 ATGTATTATTATTA 1062
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 b 2 AUGUAUUUAUUA 14

RESULT 637
 S-09-071-845-513
 Sequence 513, Application US/09071845
 Patent No. 6132967
 GENERAL INFORMATION:
 APPLICANT: Susan Grimm
 APPLICANT: Dan T. Stinchcomb
 APPLICANT: James McSwiggen
 APPLICANT: Sean Sullivan
 APPLICANT: Kenneth G. Draper
 TITLE OF INVENTION: RIBOZYME TREATMENT OF
 TITLE OF INVENTION: DISEASES OR CONDITIONS
 TITLE OF INVENTION: RELATED TO LEVELS OF
 TITLE OF INVENTION: INTRACELLULAR ADHESION
 TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
 NUMBER OF SEQUENCES: 2390
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/071,845

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/071,845
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/292,620
 FILING DATE: August 17, 1994
 APPLICATION NUMBER: 08/008,895
 FILING DATE: January 19, 1993
 APPLICATION NUMBER: 07/989,849
 FILING DATE: December 7, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 208/149
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 513:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-071-845-513

Query Match 0.9%; Score 11.4; DB 1; Length 15;
 Best Local Similarity 38.5%; Pred. No. 3.7e+02;
 Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 1050 ATGTATTATTATTA 1062
 | : | : | : | : | : |
 Db 1 AUGUAUUUAUUA 13

RESULT 638
 US-09-071-845-516
 Sequence 516, Application US/09071845
 Patent No. 6132967
 GENERAL INFORMATION:
 APPLICANT: Susan Grimm
 APPLICANT: Dan T. Stinchcomb
 APPLICANT: James McSwiggen
 APPLICANT: Sean Sullivan
 APPLICANT: Kenneth G. Draper
 TITLE OF INVENTION: RIBOZYME TREATMENT OF
 TITLE OF INVENTION: DISEASES OR CONDITIONS
 TITLE OF INVENTION: RELATED TO LEVELS OF
 TITLE OF INVENTION: INTRACELLULAR ADHESION
 TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
 NUMBER OF SEQUENCES: 2390
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/071,845

;; FILING DATE:;;
;; CLASSIFICATION:;;
;; PRIOR APPLICATION DATA: US/08/292,620
;; APPLICATION NUMBER: 32,327
;; FILING DATE: August 17, 1994
;; APPLICATION NUMBER: 08/008,895
;; FILING DATE: January 19, 1993
;; APPLICATION NUMBER: 07/989,849
;; FILING DATE: December 7, 1992
;; ATTORNEY/AGENT INFORMATION:;;
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 208/149
;; TELECOMMUNICATION INFORMATION:;;
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 516:;;
;; SEQUENCE CHARACTERISTICS:;;
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;;
3S-09-071-845-516
Query Match 0.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 38.5%; Pred. No. 3.7e+02;
Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 1050 ATGTATTATTATTA 1062
|:|:|:|:|:|
Db 1 AUGUAUUUUUAA 13

RESULT 639
US-09-071-845-518
; Sequence 518, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:;;
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:;;
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:;;
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:;;
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:;;
; CLASSIFICATION:;;
; PRIOR APPLICATION DATA: US/08/292,620
; APPLICATION NUMBER: 32,327
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993

;; APPLICATION NUMBER: 07/989,849
;; FILING DATE: December 7, 1992
;; ATTORNEY/AGENT INFORMATION:;;
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 208/149
;; TELECOMMUNICATION INFORMATION:;;
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 518:;;
;; SEQUENCE CHARACTERISTICS:;;
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;;
US-09-071-845-518
Query Match 0.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 38.5%; Pred. No. 3.7e+02;
Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 1050 ATGTATTATTATTA 1062
|:|:|:|:|:|
Db 1 AUGUAUUUUUAA 13

RESULT 640
US-09-071-845-576
; Sequence 576, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:;;
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:;;
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:;;
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:;;
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:;;
; CLASSIFICATION:;;
; PRIOR APPLICATION DATA: US/08/292,620
; APPLICATION NUMBER: 32,327
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:;;
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:;;

TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 576:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
3-09-071-845-576

Query Match 0.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 38.5%; Pred. No. 3.7e+02;
Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

y 1050 ATGTATTATTATTA 1062
|:|:|:|:|:|
b 1 AUGUAUUUAUAA 13

RESULT 641
S-08-952-376-3
Sequence 3, Application US/08952376
Patent No. 6146855
GENERAL INFORMATION:
APPLICANT: Williams, Keith L
APPLICANT: Vesey, Graham
APPLICANT: Veal, Duncan
APPLICANT: Ashbolt, Nicholas J
APPLICANT: Dorsch, Matthias
TITLE OF INVENTION: Method for the Detection of Viable
TITLE OF INVENTION: Cryptosporidium parvum Cells
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Brinks, Hofer, Gilson & Lione
STREET: 455 No. 6146855th Cityfront Plaza Drive
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60611-5599
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/952,376
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US PCT/AU96/00274
FILING DATE: 06-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Martin, Alice
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
IS-08-952-376-3

Query Match 0.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

y 1284 TATTTTATCTG 1296
|:|:|:|:|:|
b 3 TATTTTATCTG 15

RESULT 642

US-09-038-073-894/c
Sequence 894, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwigen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,584
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 894:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-894

Query Match 0.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1038 TATTATTATTA 1050
|:|:|:|:|:|
Db 13 TATTATTATTA 1

RESULT 643
US-08-276-776-58/c
Sequence 58, Application US/08276776
Patent No. 6207645
GENERAL INFORMATION:
APPLICANT: HOWELL, MARK D.
APPLICANT: BROSTOFF, STEVEN W.
APPLICANT: CARLO, DENNIS J.
TITLE OF INVENTION: VACCINATION AND METHODS AGAINST DISEASES
TITLE OF INVENTION: RESULTING FROM PATHOGENIC RESPONSES BY SPECIFIC T CELL
TITLE OF INVENTION: POPULATIONS
NUMBER OF SEQUENCES: 75
CORRESPONDENCE ADDRESS:
ADDRESSEE: CAMPBELL AND FLORES
STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700
CITY: SAN DIEGO
STATE: CALIFORNIA

/ COUNTRY: UNITED STATES
/ ZIP: 92122
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent in Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/276.776
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/813,867
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: CAMPBELL, CATHRYN
/ REGISTRATION NUMBER: 31,815
/ REFERENCE/DOCKET NUMBER: P-IM 9107
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 619-535-8949
/ TELEFAX: 619-535-8949
/ INFORMATION FOR SEQ ID NO: 58:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-08-276-776-58
/ Query Match 0.9%; Score 11.4; DB 1; Length 15;
/ Best Local Similarity 92.3%; Pred. No. 3.7e+02;
/ Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
/ QY 574 TCCAGACATACACT 586
/ Db 15 TGCAGACATACACT 3
/ RESULT 644
/ US-08-471-209-58/c
/ Sequence 58, Application US/08471209
/ Patent No. 6221352
/ GENERAL INFORMATION:
/ APPLICANT: HOWELL, MARK D.
/ APPLICANT: BROSTOFF, STEVEN W.
/ APPLICANT: CARLO, DENNIS J.
/ TITLE OF INVENTION: VACCINATION AND METHODS AGAINST DISEASES
/ RESULTING FROM PATHOGENIC RESPONSES BY SPECIFIC T CELL
/ TITLE OF INVENTION: POPULATIONS
/ NUMBER OF SEQUENCES: 75
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: CAMPBELL AND FLORES
/ STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700
/ CITY: SAN DIEGO
/ STATE: CALIFORNIA
/ COUNTRY: UNITED STATES
/ ZIP: 92122
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent in Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/471,209
/ FILING DATE:
/ CLASSIFICATION: 424
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/813,867
/ FILING DATE: 24-DEC-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: CAMPBELL, CATHRYN
/ REGISTRATION NUMBER: 31,815

/ REFERENCE/DOCKET NUMBER: P-IM 9107
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 619-535-9001
/ TELEFAX: 619-535-8949
/ INFORMATION FOR SEQ ID NO: 58:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-08-471-209-58
/ Query Match 0.9%; Score 11.4; DB 1; Length 15;
/ Best Local Similarity 92.3%; Pred. No. 3.7e+02;
/ Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
/ QY 574 TCCAGACATACACT 586
/ Db 15 TGCAGACATACACT 3
/ RESULT 645
/ US-09-253-977-4
/ Sequence 4, Application US/09253977A
/ Patent No. 6316261
/ GENERAL INFORMATION:
/ APPLICANT: Grandgenett, Duane P.
/ TITLE OF INVENTION: Method for Analyzing Concerted Integration of DNA Donor
/ MOLECULES INTO TARGET DNA AND THE ENZYMES THAT PERFORM
/ TITLE OF INVENTION: this Concerted Integration Reaction
/ FILE REFERENCE: 16153-8244
/ CURRENT APPLICATION NUMBER: US/09/253,977A
/ CURRENT FILING DATE: 1998-09-21
/ EARLIER APPLICATION NUMBER: 08/671,071
/ EARLIER FILING DATE: 1996-06-27
/ EARLIER APPLICATION NUMBER: 08/247,089
/ EARLIER FILING DATE: 1994-05-20
/ NUMBER OF SEQ ID NOS: 7
/ SOFTWARE: Patent in Ver. 2.0
/ SEQ ID NO 4
/ LENGTH: 15
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Combination
/ OTHER INFORMATION: of avian or HIV-1 retrovirus DNA and pAN7 plasmid
/ US-09-253-977-4
/ Query Match 0.9%; Score 11.4; DB 1; Length 15;
/ Best Local Similarity 92.3%; Pred. No. 3.7e+02;
/ Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
/ QY 1424 TCAATATTAGTAA 1436
/ Db 3 TCAATATTAGTAA 15
/ RESULT 646
/ US-09-580-794C-30
/ Sequence 30, Application US/09580794C
/ Patent No. 6331389
/ GENERAL INFORMATION:
/ APPLICANT: Stuyver, Lieven
/ APPLICANT: Louwagie, Joost
/ APPLICANT: Rossau, Rudi
/ TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
/ TRANSCRIPTASE GENE
/ FILE REFERENCE: INNS008--2
/ CURRENT APPLICATION NUMBER: US/09/580,794C
/ CURRENT FILING DATE: 2000-05-30
/ PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
/ PRIOR FILING DATE: 1997-09-15

PRIOR APPLICATION NUMBER: PCT/EP 97/00211
PRIOR FILING DATE: 1997-01-17
PRIOR APPLICATION NUMBER: EP 96870005.4
PRIOR FILING DATE: 1996-01-26
PRIOR APPLICATION NUMBER: EP 96870081.5
PRIOR FILING DATE: 1996-06-25
NUMBER OF SEQ ID NOS: 164
SOFTWARE: PatentIn version 3.0
SEQ ID NO 30
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic Primer
US-09-580-794C-30

Query Match 0.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 ATTTCAGGATTTG 737
Db 1 ATTTCAGGATTTG 13

RESULT 647
US-09-580-794C-148
; Sequence 148, Application US/09580794C
; Patent No. 6331389
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; APPLICANT: Louwagie, Joost
; APPLICANT: Rossau, Rudi
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
; TITLE OF INVENTION: TRANSCRIPTASE GENE
; FILE REFERENCE: INNS08--2
; CURRENT APPLICATION NUMBER: US/09/580,794C
; CURRENT FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
; PRIOR FILING DATE: 1997-09-15
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: EP 96870005.4
; PRIOR FILING DATE: 1996-01-26
; PRIOR APPLICATION NUMBER: EP 96870081.5
; PRIOR FILING DATE: 1996-06-25
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 148
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-580-794C-148

Query Match 0.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1247 CAGATAAACAACA 1259
Db 3 CAGATAAACAACA 15

RESULT 648
US-09-081-646-236/c
; Sequence 236, Application US/09081646
; Patent No. 633152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin

APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 236
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-236

Query Match 0.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 792 TAAATTTTGCAT 804
Db 14 TAAATTTTGCAT 2

RESULT 649
US-09-081-646-575
; Sequence 575, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 575
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-575

Query Match 0.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1496 ATGACTGCATTTT 1508
Db 2 ATGACTGCATTTT 14

RESULT 650
US-09-423-233-40/c
; Sequence 40, Application US/09423233
; Patent No. 6372430
; GENERAL INFORMATION:
; APPLICANT: The Government of the United States of America as
; TITLE OF INVENTION: Nucleic Acids for Detecting Aspergillus Species and
; FILE REFERENCE: 03063-0341WP
; CURRENT APPLICATION NUMBER: US/09/423,233
; CURRENT FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 40
; LENGTH: 15

TYPE: DNA
ORGANISM: Mucor racemosus
US-09-423-233-40

Query Match 0.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 724 AATTCAGGAATT 736
DB 15 AATTCAGGGATT 3

RESULT 651

US-09-446-301A-36
Sequence 36, Application US/09446301A
Patent No. 6506893
GENERAL INFORMATION:
APPLICANT: EL SOLH, NEVINE
APPLICANT: ALIGNNET, JEANINE
TITLE OF INVENTION: POLYNUCLEOTIDES AND THEIR USE FOR DETECTING RESISTANCE
TITLE OF INVENTION: TO STREPTOGRAMIN A OR TO STREPTOGRAMIN B AND RELATED
FILE REFERENCE: 03715-0059
CURRENT APPLICATION NUMBER: US/09/446.301A
CURRENT FILING DATE: 1999-12-20
NUMBER OF SEQ ID NOS: 51
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 36
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-446-301A-36

Query Match 0.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 394 AATTCATCTCTG 406
DB 2 AATTCATCTATG 14

RESULT 652

US-09-099-932-40
Sequence 40, Application US/09099932
Patent No. 6570001
GENERAL INFORMATION:
APPLICANT: El Solh, Nevine
APPLICANT: Alignnet, Jeanine
TITLE OF INVENTION: POLYNUCLEOTIDES AND THEIR USE FOR DETECTING RESISTANCE
TITLE OF INVENTION: TO STREPTOGRAMIN A OR TO STREPTOGRAMIN B AND RELATED
FILE REFERENCE: 03495.0173-00000
CURRENT APPLICATION NUMBER: US/09/099,932
CURRENT FILING DATE: 1998-06-19
EARLIER APPLICATION NUMBER: 60/050,380
EARLIER FILING DATE: 1997-06-20
NUMBER OF SEQ ID NOS: 50
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 40
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-099-932-40

Query Match 0.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 394 AATTCATCTCTG 406
DB 2 AATTCATCTATG 14

RESULT 653

US-08-281-106-46/c
Sequence 46, Application US/08281106
Patent No. 5646262
GENERAL INFORMATION:
APPLICANT: KORBA, Brent E.
APPLICANT: GERIN, John L.
TITLE OF INVENTION: Antisense Oligonucleotides Against
TITLE OF INVENTION: Hepatitis B Viral Replication
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W.
CITY: Washington, D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/281,106
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 66683/112/GBUN
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202 672 5300
TELEFAX: 202 672 5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: YES
US-08-281-106-46

Query Match 0.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 895 CTGTGCTTGGTT 907
DB 14 CTGTGCTTGGGT 2

RESULT 654

US-08-403-634-27/c
Sequence 27, Application US/08403634
Patent No. 5674748
GENERAL INFORMATION:
APPLICANT: Giordano, Antonio
TITLE OF INVENTION: NOVEL HUMAN CYCLIN-DEPENDENT
TITLE OF INVENTION: KINASE-LIKE PROTEINS AND METHODS
TITLE OF INVENTION: OF USING THE SAME
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz &
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: PA

```

; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/08/403,634
; APPLICATION NUMBER: US/08/403,634
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/208,575
; FILING DATE: 08-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-1482
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; US-08-403-634-27

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Query Match 0.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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; 1337 GTCTGTGCTATGC 1349
; 15 GTCTGTGCTATGC 3

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; RESULT 655
; US-08-551-275-6
; Sequence 6, Application US/08551275
; Patent No. 5679551
; GENERAL INFORMATION:
; APPLICANT: Alderete, John F.
; TITLE OF INVENTION: Unique Double-Stranded RNAs Associated
; with the Trichomonas Vaginalis Virus
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: TX
; COUNTRY: US
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/551,275
; FILING DATE: 30-OCT-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Corder, Timothy S.
; REGISTRATION NUMBER: 38,414
; REFERENCE/DOCKET NUMBER: UTSK:267/COD
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (512) 474-7577
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 6:

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; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-551-275-6

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Query Match 0.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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; 1197 TTTTGTGATTA 1209
; 3 TTTTGTGATTA 15

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; RESULT 656
; US-08-501-968-36/c
; Sequence 36, Application US/08501968
; Patent No. 5985862
; GENERAL INFORMATION:
; APPLICANT: Kevin Anderson and Lex Cowseert
; TITLE OF INVENTION: Antisense Inhibition of Hepatitis B
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/501,968
; FILING DATE: herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA: none
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0128
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-501-968-36

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Query Match 0.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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; 895 CTGTGCTTGGTT 907
; 15 CTGTGCTTGGTT 3

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; RESULT 657
; US-08-485-942A-87
; Sequence 87, Application US/08485942A
; Patent No. 6048837
; GENERAL INFORMATION:

```

APPLICANT: JEFFREY M. FRIEDMAN, YIVING ZHANG, RICARDO PROENCA,
APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K. BURL
TITLE OF INVENTION: OB POLYPEPTIDE AS MODULATORS OF BODY WEIGHT (AS
TITLE OF INVENTION: AMENDED)
NUMBER OF SEQUENCES: 99
CORRESPONDENCE ADDRESS:
ADDRESSEE: KLAUBER & JACKSON
STREET: 411 HACKENSACK AVENUE
CITY: HACKENSACK
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN RELEASE #1.0, VERSION #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,942A
FILING DATE: JUNE 7, 1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/438,431
FILING DATE: MAY 10, 1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563
FILING DATE: NO. 6048837/EMBER 30, 1994
CLASSIFICATION:
APPLICATION DATA:
APPLICATION NUMBER: 08/292,345
FILING DATE: AUGUST 17, 1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: JACKSON ESQ., DAVID A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 87:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: Marker AFM206xcl
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Human
US-08-485-942A-87

Query Match 0.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 969 AGGACATGTGGAA 981
||| |||||
DB 3 AGGCCATGTGGAA 15

RESULT 658
US-08-913-833-149
; Sequence 149, Application US/08913833
; Patent No. 6087093
; GENERAL INFORMATION:
APPLICANT: STUYVER, LIEVEN
APPLICANT: LOUWAGIE, JOOST
APPLICANT: ROSSAU, RUDI
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED

APPLICANT: JEFFREY M. FRIEDMAN, YIVING ZHANG, RICARDO PROENCA,
APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K. BURL
TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
NUMBER OF SEQUENCES: 164
CORRESPONDENCE ADDRESS:
ADDRESSEE: ARNOLD, WHITE & DURKEE
STREET: P.O. BOX 4433
CITY: HOUSTON
STATE: TEXAS
COUNTRY: USA
ZIP: 77210-4433
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MICROSOFT WORD 6.0 / ASCII text output
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/913,833
FILING DATE: 15 Sep 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP97/00211
FILING DATE: 17 Jan 1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 96870005.4
FILING DATE: 26 Jan 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 96870081.5
FILING DATE: 25 Jun 1996
ATTORNEY/AGENT INFORMATION:
NAME: KAMMERER, PATRICIA A.
REGISTRATION NUMBER: 29,775
REFERENCE/DOCKET NUMBER: INNS:008
INFORMATION FOR SEQ ID NO: 149:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-913-833-149

Query Match 0.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1247 CAGATAAACACA 1259
||| |||||
DB 2 CAGATAAACACA 14

RESULT 659
US-08-488-214A-87
; Sequence 87, Application US/08488214A
; Patent No. 6124439
; GENERAL INFORMATION:
APPLICANT: JEFFREY M. FRIEDMAN, YIVING ZHANG, RICARDO PROENCA,
APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K. BURL
TITLE OF INVENTION: OB POLYPEPTIDE ANTIBODIES AND METHOD OF MAKING
TITLE OF INVENTION: (AS AMENDED)
NUMBER OF SEQUENCES: 99
CORRESPONDENCE ADDRESS:
ADDRESSEE: KLAUBER & JACKSON
STREET: 411 HACKENSACK AVENUE
CITY: HACKENSACK
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN RELEASE #1.0, VERSION #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/488,214A
FILING DATE: JUNE 7, 1995

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/438,431

FILING DATE: May 10, 1995

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/347,563

FILING DATE: No. 6124439ember 30, 1994

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/292,345

FILING DATE: August 17, 1994

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Jackson Esq., David A.

REGISTRATION NUMBER: 26,742

REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2D

TELECOMMUNICATION INFORMATION:

TELEPHONE: 201 487-5800

TELEFAX: 201 343-1684

TELEX: 133521

INFORMATION FOR SEQ ID NO: 87:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (primer)

DESCRIPTION: Marker AFM206xcl

HYPOTHETICAL: NO

ANTI-SENSE: NO

ORIGINAL SOURCE:

ORGANISM: Human

US-08-488-214A-87

Query Match

Best Local Similarity 0.9%; Score 11.4; DB 1; Length 16;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

969 AGGACATGTGGAA 981

3 AGGCCATGTGGAA 15

RESULT 660

US-08-488-208A-87

Sequence 87, Application US/08488208A

Patent No. 6124448

GENERAL INFORMATION:

APPLICANT: THE ROCKEFELLER UNIVERSITY

TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING

TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC

TITLE OF INVENTION: US96-03-14

NUMBER OF SEQUENCES: 98

CORRESPONDENCE ADDRESS:

ADDRESSER: Klaubner & Jackson

CITY: Hackensack

STATE: New Jersey

COUNTRY: USA

ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/488,208A

FILING DATE: 07-JUN-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

Query Match

Best Local Similarity 0.9%; Score 11.4; DB 1; Length 16;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

APPLICATION NUMBER: 08/485,943
FILING DATE: June 7, 1995
APPLICATION NUMBER: 08/438,431
FILING DATE: May 10, 1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6124448ember 30, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP2I
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 87:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: Marker AFM206xcl
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Human
US-08-488-208A-87

Query Match 0.9%; Score 11.4; DB 1; Length 16;

Best Local Similarity 92.3%; Pred. No. 4.3e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

969 AGGACATGTGGAA 981

3 AGGCCATGTGGAA 15

RESULT 661

US-08-913-441B-27/c

Sequence 27, Application US/08913441B

Patent No. 6162612

GENERAL INFORMATION:

APPLICANT: Giordano, Antonio

TITLE OF INVENTION: No. 6162612el Human Cyclin-Dependent Kinase-Like Proteins and

TITLE OF INVENTION: Methods of Using The Same

FILE REFERENCE: 8321-76 CII

CURRENT APPLICATION NUMBER: US/08/913,441B

CURRENT FILING DATE: 1997-12-02

PRIOR APPLICATION NUMBER: 08/403,634

PRIOR FILING DATE: 1995-03-14

PRIOR APPLICATION NUMBER: PCT/US96/03557

PRIOR FILING DATE: 1996-03-14

NUMBER OF SEQ ID NOS: 31

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 27

LENGTH: 16

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer

US-08-913-441B-27

QY 1337 GTCGTGTCATTCG 1349
Db 15 GTCGTGTCATTCG 3

RESULT 662
US-08-483-211A-87
; Sequence 87, Application US/08483211A
; Patent No. 6309853
; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
; TITLE OF INVENTION: US THEREOF
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/483,211A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/485,943
; FILING DATE: June 7, 1995
; APPLICATION NUMBER: 08/438,431
; FILING DATE: May 10, 1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/347,563
; FILING DATE: No. 6309853ember 30, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 87:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: Marker AFM206xc1
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Human
US-08-483-211A-87

Query Match 0.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 969 AGGCATGTGGAA 981
Db 15 GTCGTGTCATTCG 3

Db 3 AGGCATGTGGAA 15

RESULT 663
US-09-303-029A-2/c
; Sequence 2, Application US/09303029A
; Patent No. 6322980
; GENERAL INFORMATION:
; APPLICANT: SINGH, Sharat
; TITLE OF INVENTION: SINGLE NUCLEOTIDE DETECTION USING DEGRADATION OF A FLUORESCENT
; FILE REFERENCE: ACBI.033.00US
; CURRENT APPLICATION NUMBER: US/09/303,029A
; CURRENT FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: artificial sequence based on human genome
US-09-303-029A-2

Query Match 0.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1407 CAGCCAAACTCC 1419
Db 16 CAGCCAAACTCC 4

RESULT 664
US-09-580-794C-149
; Sequence 149, Application US/09580794C
; Patent No. 6331389
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; APPLICANT: Louwagie, Joost
; APPLICANT: Rossau, Rudi
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
; TITLE OF INVENTION: TRANSCRIPTASE GENE
; FILE REFERENCE: INNS008-2
; CURRENT APPLICATION NUMBER: US/09/580,794C
; CURRENT FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
; PRIOR FILING DATE: 1997-09-15
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: EP 96870005.4
; PRIOR FILING DATE: 1996-01-26
; PRIOR APPLICATION NUMBER: EP 96870081.5
; PRIOR FILING DATE: 1996-06-25
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 149
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-580-794C-149

Query Match 0.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1247 CAGATAAACACA 1259
Db 2 CAGATAAACACA 14

RESULT 665

IS-08-488-223A-87

Sequence 87, Application US/08488223A

Patent No. 6350730

GENERAL INFORMATION:

APPLICANT: THE ROCKEFELLER UNIVERSITY
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USES THEREOF

NUMBER OF SEQUENCES: 98

CORRESPONDENCE ADDRESS:

ADDRESSEE: Klauber & Jackson

STREET: 411 Hackensack Avenue

CITY: Hackensack

STATE: New Jersey

COUNTRY: USA

ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/488,223A

FILING DATE: 07-Jun-1995

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/485,943

FILING DATE: <Unknown>

APPLICATION NUMBER: 08/347,563

FILING DATE: NO. 6350730ember 30, 1994

APPLICATION NUMBER: 08/292,345

FILING DATE: August 17, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Jackson Esq., David A.

REGISTRATION NUMBER: 26,742

REFERENCE/DOCKET NUMBER: 600-1-087 CIP21

TELECOMMUNICATION INFORMATION:

TELEPHONE: 201 487-5800

TELEFAX: 201 343-1684

TELEX: 133521

INFORMATION FOR SEQ ID NO: 87:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (primer)

DESCRIPTION: Marker AF206xc1

HYPOTHETICAL: NO

ANTI-SENSE: NO

ORIGINAL SOURCE:

ORGANISM: Human

SEQUENCE DESCRIPTION: SEQ ID NO: 87:

S-08-488-223A-87

Query Match

Best Local Similarity 0.9%; Score 11.4; DB 1; Length 16;

Patent No. 6429290

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 969 AGGACATGTGGAA 981

b 3 AGGCCATGTGGAA 15

RESULT 666

IS-08-438-431A-87

Sequence 87, Application US/08438431A

Patent No. 6429290

GENERAL INFORMATION:

APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, MARGHERITA MAFFEI,
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USES THEREOF

NUMBER OF SEQUENCES: 99

CORRESPONDENCE ADDRESS:

ADDRESSEE: Klauber & Jackson

STREET: 411 Hackensack Avenue

CITY: Hackensack

STATE: New Jersey

COUNTRY: USA

ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/438,431A

FILING DATE: May 10, 1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/347,563

FILING DATE: NO. 6429290ember 30, 1994

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/292,345

FILING DATE: August 17, 1994

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Jackson Esq., David A.

REGISTRATION NUMBER: 26,742

REFERENCE/DOCKET NUMBER: 600-1-087 CIP1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 201 487-5800

TELEFAX: 201 343-1684

TELEX: 133521

INFORMATION FOR SEQ ID NO: 87:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (primer)

DESCRIPTION: Marker AF206xc1

HYPOTHETICAL: NO

ANTI-SENSE: NO

ORIGINAL SOURCE:

ORGANISM: Human

SEQUENCE DESCRIPTION: SEQ ID NO: 87:

US-08-438-431A-87

Query Match

Best Local Similarity 0.9%; Score 11.4; DB 1; Length 16;

Patent No. 6455689

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 969 AGGACATGTGGAA 981

Db 3 AGGCCATGTGGAA 15

RESULT 667

US-08-535-249-17/c

Sequence 17, Application US/08535249

Patent No. 6455689

GENERAL INFORMATION:

APPLICANT: Schlingensiepen, Georg-Ferdinand

APPLICANT: Brysch, Wolfgang

APPLICANT: Schlingensiepen, Karl-Hermann

APPLICANT: Schlingensiepen, Reimar

APPLICANT: Bogdahn, Ulrich

TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of

NUMBER OF SEQUENCES: 137

CORRESPONDENCE ADDRESS:

ADDRESSEE: Jacobson, Price, Holman & Stern

STREET: 400 Seventh St. N.W.

CITY: Washington D.C.

COUNTRY: U.S.A.

ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/535,249
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 93 107 089.0
FILING DATE: 30-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 93 107 849.7
FILING DATE: 13-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: Player, William E.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)638-6666
TELEFAX: (202) 393-5350
TELEX: RCA 248593 IDEA UR
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
ANTI-SENSE: YES
US-08-535-249-17

Query Match 0.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 456 CTTCAACACTTCA 468
Db 16 CTTCAACACTCA 4

RESULT 668
US-08-488-225A-87
Sequence 87, Application US/08488225A
Patent No. 6471956
GENERAL INFORMATION:
APPLICANT: THE ROCKEFELLER UNIVERSITY
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USE
NUMBER OF SEQUENCES: 98
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,225A
FILING DATE: June 7, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/483,211
FILING DATE: June 7, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/438,431
FILING DATE: May 10, 1995

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6471956member 30, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP2J
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 87:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: Marker AFM206xc1
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE: Human
ORGANISM: Human
US-08-488-225A-87

Query Match 0.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 969 AGGCATGTGGAA 981
Db 3 AGGCATGTGGAA 15

RESULT 669
US-09-199-269-46/c
Sequence 46, Application US/09199269
Patent No. 6503533
GENERAL INFORMATION:
APPLICANT: KORBA, Brent E.
TITLE OF INVENTION: Antisense Oligonucleotides Against
Hepatitis B Viral Replication
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W.
CITY: Washington, D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/199,269
FILING DATE: 25-No. 6503533-1998
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/281,106
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 66683/112/GEUN
TELECOMMUNICATION INFORMATION:

TELEPHONE: 202 672 5300
TELEFAX: 202 672 5399
TELEX: 904136

INFORMATION FOR SEQ ID NO: 46:

SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

ANTI-SENSE: YES

SEQUENCE DESCRIPTION: SEQ ID NO: 46:
3-09-199-269-46

Query Match 0.9%; Score 11.4; DB 1; Length 16;

Best Local Similarity 92.3%; Pred. No. 4.3e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 895 CTGTGCTTGGTT 907

|||||

3 14 CTGTGCTTGGGT 2

RESULT 670

S-09-602-586-2/c

Sequence 2, Application US/09602586

Patent No. 6514700

GENERAL INFORMATION:

APPLICANT: Singh, Sharat

TITLE OF INVENTION: Nucleic Acid Detection Using

TITLE OF INVENTION: Degradation of a Tagged Sequence

FILE REFERENCE: 50225-8033-US02

CURRENT APPLICATION NUMBER: US/09/602,586

CURRENT FILING DATE: 2000-06-21

PRIOR APPLICATION NUMBER: US 09/561,579

PRIOR FILING DATE: 2000-04-28

PRIOR APPLICATION NUMBER: US 09/303,029

PRIOR FILING DATE: 1999-04-30

NUMBER OF SEQ ID NOS: 55

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 2

LENGTH: 16

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: primer

S-09-602-586-2

Query Match 0.9%; Score 11.4; DB 1; Length 16;

Best Local Similarity 92.3%; Pred. No. 4.3e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1407 CAGCCAAACTCC 1419

|||||

b 16 CAGCCAAACTCC 4

RESULT 671

S-09-371-772B-5689/c

Sequence 5689, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBH00.876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; PRIOR FILING DATE: 1996-01-08

; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 5689

; LENGTH: 16

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-371-772B-5689

Query Match

0.9%; Score 11.4; DB 1; Length 16;

Best Local Similarity 92.3%; Pred. No. 4.3e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 953 TCACACTGATGTT 965

|||||

Db 14 TAACACTGATGTT 2

RESULT 672

US-09-371-772B-5928/c

Sequence 5928, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBH00.876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 5928

LENGTH: 16

TYPE: RNA

ORGANISM: Homo sapiens

US-09-371-772B-5928

Query Match

0.9%; Score 11.4; DB 1; Length 16;

Best Local Similarity 92.3%; Pred. No. 4.3e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1394 AGAAGTATTAAAA 1406

|||||

Db 13 AGCACTATTAAAA 1

RESULT 673

US-09-371-772B-5976/c

Sequence 5976, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBH00.876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

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; PRIOR FILING DATE: 1996-01-08
;
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatternIn version 3.0
; SEQ ID NO 5976
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5976

```

```
Query Match          0.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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1498 GACTGCATTTT 1510
16 GACTGCATTTTCA 4

RESULT 674

```

US-09-371-772B-6014
: Sequence 6014, Application US/09371772B
: Patent No. 6566127
: GENERAL INFORMATION:
: APPLICANT: Ribozyme Pharmaceuticals, Inc.
: APPLICANT: Pavco, Pam
: APPLICANT: McSwiggen, Jim
: APPLICANT: Stinchcomb, Dan
: APPLICANT: Escobedo, Jaime
: TITLE OF INVENTION: Method and Reagent for
: TITLE OF INVENTION: Levels of Vascular Endothelial
: FILE REFERENCE: MEHB00,876-J (237//198)
: CURRENT APPLICATION NUMBER: US/09/371,772B
: CURRENT FILING DATE: 1999-08-10
: PRIOR APPLICATION NUMBER: US 60/005,974
: PRIOR FILING DATE: 1995-10-26
: PRIOR APPLICATION NUMBER: US 08/584,040
: PRIOR FILING DATE: 1996-01-08
: NUMBER OF SEQ ID NOS: 14225
: SOFTWARE: Patentin version 3.0
: SEQ ID NO 6014
: LENGTH: 16
: TYPE: RNA
: ORGANISM: Homo sapiens
US-09-371-772B-6014

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Query Match      0.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 38.5%; Pred. No. 4.3e+02;
Matches 5: Conservative 7; Mismatches 1; Indels 0; Gaps 0;
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Qy 1542 TGTATTATGTC 1554
:|:::|:|:
Db 2 TGTCTTATGTC 14

PRECEDENT 675

```

RESULTS 675
; Sequence 36, Application PC/TUS9610984
; GENERAL INFORMATION:
; APPLICANT: Kevin Anderson and Lex Cowsett
; TITLE OF INVENTION: Antisense Inhibition of Hepatitis B
; TITLE OF INVENTION: Virus Replication
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
; MEDIUM TYPE: STORAGE
; COMPUTER: IBM 486

```

OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/10984
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA: none
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 15FH-0128
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
HYPOTHETICAL: NO
ANTI-SENSE: YES
PCT-US96-10984-16

Query Match	0.9%	Score 11.4;	DB 1;	Length 16;
Best Local Similarity	92.3%	Pred. No. 4.3e+02;		
Matches 12;	Conservative	0;	Mismatches 1;	Indels 0;
				Gaps 0;

Qy 895 CTGTGCCCTTGGTT 907
pb 15 CTGTGCCCTTGGGT 3

RESULT 676

US-08-584-040-2785/C
Sequence 2785, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McGswiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: LYON & LYON
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2785:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

3-08-584-040-2785

Query Match 0.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 522 TAAATTGGAATT 534
| | | | | | | | | | | | | | | | | |
b 16 TAAATTGAGTTT 4

RESULT 677
S-09-371-772B-1309/c
Sequence 1309 Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MEH800.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patent in version 3.0
SEQ ID NO 1309
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens

S-09-371-772B-1309
Query Match 0.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 522 TAAATTGGAATT 534
| | | | | | | | | | | | | | | | | |
b 16 TAAATTGAGTTT 4

RESULT 678
S-09-371-772B-5584/c
Sequence 5584 Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MEH800.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
TELEFAX: (213) 955-0440
TELEX: 67-3510
SOFTWARE: Patent in version 3.0
SEQ ID NO 5584
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-5584

Query Match 0.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 522 TAAATTGGAATT 534
| | | | | | | | | | | | | | | | | |
Db 17 TAAATTGAGTTT 5

RESULT 679
US-08-584-040-7962/c
Sequence 7962 Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7962:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-7962

Query Match 0.9%; Score 11.4; DB 1; Length 17;

Best Local Similarity 92.3%; Pred. No. 4.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1587 TCGAATATATAAA 1599
13 TCGATATATAAA 1

RESULT 680
US-09-371-772B-3745/c
Sequence 3745, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371.772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patent in version 3.0
SEQ ID NO 3745
LENGTH: 17
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-3745

Query Match 0.9%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 4.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

1587 TCGAATATATAAA 1599
13 TCGATATATAAA 1

US-09-488-744A-83
Sequence 83, Application US/09488744A
Patent No. 6287860
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: William Gaarde
APPLICANT: Donna T. Ward
APPLICANT: Susan M. Freier
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF MEK2 EXPRESSION
FILE REFERENCE: RTS-0108
CURRENT APPLICATION NUMBER: US/09/488,744A
CURRENT FILING DATE: 2000-01-20
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 83
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-744A-83

Query Match 0.9%; Score 11.4; DB 1; Length 20;
Best Local Similarity 92.3%; Pred. No. 6.4e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

410 TATCCAGAGATCA 422
11 |||||

Db 6 TAACCAAGATCA 18

RESULT 682
US-08-242-402-7/c
Sequence 7, Application US/08242402
Patent No. 5580967
GENERAL INFORMATION:
APPLICANT: JOYCE, GERALD P
TITLE OF INVENTION: OPTIMIZED CATALYTIC DNA-CLEAVING
TITLE OF INVENTION: RIBOZYMES
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: THE SCRIPPS RESEARCH INSTITUTE, OFFICE OF
ADDRESSEE: PATENT COUNSEL
STREET: 10666 NORTH TORREY PINES ROAD, TPC 8
CITY: LA JOLLA
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/242,402
FILING DATE: 13-MAY-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LOGAN, APRIL C
REGISTRATION NUMBER: 33,950
REFERENCE/DOCKET NUMBER: TSRI 412.0
TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-242-402-7

Query Match 0.9%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.7e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1589 GAATATATAAGTAAA 1604
16 GAATATATAATAAA 1

QY 1589 GAATATATAAGTAAA 1604
Db 16 GAATATATAATAAA 1

RESULT 683
US-08-682-423-22/c
Sequence 22, Application US/08682423
Patent No. 6063566
GENERAL INFORMATION:
APPLICANT: Joyce, Gerald F.
TITLE OF INVENTION: NOVEL CATALYTIC RNA MOLECULES
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: The Scripps Research Institute, Office of
ADDRESSEE: Patent Counsel
STREET: 10666 No. 6063566th Torrey Pines Road, TPC-8
CITY: La Jolla
STATE: California
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/682,423
FILING DATE: 17-JUL-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/242,402
FILING DATE: 13-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/270,180
FILING DATE: 01-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Logan, April C.
REGISTRATION NUMBER: 33,950
REFERENCE/DOCKET NUMBER: TSRI 412.2
TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-682-423-22

Query Match 0.9%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.7e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1589 GAAATATAAAGTAAA 1604
||||| |||||
Db 16 GAAATAATAATAAAA 1

RESULT 684
PCT-US95-05141-22/c
Sequence 22, Application PC/TUS9505141
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: NOVEL ENZYMATIC RNA MOLECULES
NUMBER OF SEQUENCES: 29
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (BPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05141
FILING DATE: 26-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/242,402
FILING DATE: 13-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/270,180
FILING DATE: 01-JUL-1994
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US95-05141-22

Query Match 0.9%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 4.7e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1589 GAAATATAAAGTAAA 1604
||||| |||||

Db 16 GAAATAATAATAAAA 1

RESULT 685
US-08-146-421-9/c
Sequence 9, Application US/08146421
Patent No. 5543499
GENERAL INFORMATION:
APPLICANT: BREWER, GARY
TITLE OF INVENTION: DNA SEQUENCE ENCODING A POLYPEPTIDE WITH
ANTI-TUMOR PROPERTIES
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: DILWORTH & BARRESE
STREET: 4350 LA JOLLA VILLAGE DRIVE, SUITE 300
CITY: SAN DIEGO
STATE: CALIFORNIA
COUNTRY: U.S.A.
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/146,421
FILING DATE: 29-OCT-1993
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: PEPPER PH.D., FREDERICK W.
REGISTRATION NUMBER: 31,286
REFERENCE/DOCKET NUMBER: 489-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4410
TELEFAX: 619-453-2839
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: mRNA
US-08-146-421-9

Query Match 0.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1590 AAATATAAAGTAAAT 1605
||||| |||||
Db 16 AAATAATAATAATAAT 1

RESULT 686
US-08-584-040-1838/c
Sequence 1838, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles

STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1838:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-1838

Query Match 0.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 464 CTTTCATGTATTTGTG 479
DB 16 CTTTCATGTATTTGTG 1

RESULT 687
US-08-584-040-7532/c
Sequence 7532, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996

CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7532:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-7532

Query Match 0.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 464 CTTTCATGTATTTGTG 479
DB 16 CTTTCATGTATTTGTG 1

RESULT 688
US-09-371-772B-383/c
Sequence 383, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEH00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patent in version 3.0
SEQ ID NO 383
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-383

Query Match 0.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 464 CTTTCATGTATTTGTG 479
DB 16 CTTTCATGTATTTGTG 1

RESULT 689
US-08-373-124A-960
Sequence 960, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James

```

; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 960:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-373-124A-960

Query Match 0.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 5.3e+02;
Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

y 1256 AACAAATATTTTAA 1271
b 2 AAGAAAGUUUUA 17

RESULT 690
US-08-373-124A-2149/C
Sequence 2149, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0

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; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2149:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-373-124A-2149

Query Match 0.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 615 TACAAAAACACACAAA 630
Db 16 TATAAAAATAAAAA 1

RESULT 691
US-08-435-628-960
Sequence 960, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0

```


SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA: US/08/435,628
APPLICATION NUMBER: 08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 960:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-960

Query Match 0.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 5.3e+02;
Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 1256 AACAAATATTTTGA 1271
DB 2 AACAAAGUUUUUA 17

RESULT 692
US-08-435-628-2149/c
Sequence 2149, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2149:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-2149

Query Match 0.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 615 TACAAAAAACACAA 630
DB 16 TATAAAATAAAAA 1

RESULT 693
US-08-292-620A-1845/c
Sequence 1845, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: including application
described below:
APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1845:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

S-08-292-620A-1845

Query Match 0.9%; Score 11.2; DB 1; Length 17;

Best Local Similarity 81.2%; Pred. No. 5.3e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1501 TGCATTTTAAATACA 1516

b 17 TGAATTAATAAATACA 2

RESULT 694

S-08-292-620A-1989/c

Sequence 1989, Application US/08292620A

Patent No. 5837542

GENERAL INFORMATION:

APPLICANT: Susan Grimm

APPLICANT: Dan T. Stinchcomb

APPLICANT: James McSwigen

APPLICANT: Sean Sullivan

APPLICANT: Kenneth G. Draper

TITLE OF INVENTION: RIBOZYME TREATMENT OF

TITLE OF INVENTION: DISEASES OR CONDITIONS

TITLE OF INVENTION: RELATED TO LEVELS OF

TITLE OF INVENTION: INTRACELLULAR ADHESION

TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

NUMBER OF SEQUENCES: 2390

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Suite 4700

STATE: Los Angeles

COUNTRY: California

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

APPLICATION NUMBER: US/08/292,620A

FILING DATE: August 17, 1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/149

two

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1989:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1989

Query Match 0.9%; Score 11.2; DB 1; Length 17;

Best Local Similarity 81.2%; Pred. No. 5.3e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1501 TGCATTTTAAATACA 1516

Db 17 TGAATTAATAAATACA 2

RESULT 695

US-08-534-454-1/c

Sequence 1, Application US/08534454

Patent No. 5849486

GENERAL INFORMATION:

APPLICANT: Heller, Michael J.; O'Connell, James P.; Juncosa, Robert D.; Sosno

TITLE OF INVENTION: APPARATUS AND METHODS FOR ACTIVE

TITLE OF INVENTION: PROGRAMMABLE MATRIX DEVICES

NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Los Angeles

STATE: California

COUNTRY: USA

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB

COMPUTER: IBM compatible

OPERATING SYSTEM: WINDOWS (VERSION 3.0)

SOFTWARE: WordPerfect (Version 6.0)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/534,454

FILING DATE: September 27, 1995

CLASSIFICATION: 422

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/304,657

FILING DATE: September 9, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Murphy, David B.

REGISTRATION NUMBER: 31,125

REFERENCE/DOCKET NUMBER: 216/054

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEFAX: 67-3510

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 17

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-534-454-1

Query Match 0.9%; Score 11.2; DB 1; Length 17;

Best Local Similarity 81.2%; Pred. No. 5.3e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1522 TTATATTTTAACTTT 1537

Db 16 TTATATTTTAAATTTT 1

RESULT 696
US-08-855-058-1/c
; Sequence 1, Application US/08855058A
; Patent No. 6048690
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.
; APPLICANT: Tu, Eugene
; APPLICANT: Sosnowski, Ronald G.
; APPLICANT: O'Connell, James P.
; TITLE OF INVENTION: METHODS FOR ELECTRONIC FLUORESCENT PERTURBATION FOR
; TITLE OF INVENTION: ANALYSIS AND ELECTRONIC PERTURBATION CATALYSIS FOR
; TITLE OF INVENTION: SYNTHESIS
; FILE REFERENCE: DAVID B. MURPHY; Nanogen 224/175
; CURRENT APPLICATION NUMBER: US/08/855,058A
; CURRENT FILING DATE: 1997-05-14
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthesized
US-08-855-058-1

Query Match 0.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1522 TTATATTTTAACTTT 1537
DB 16 TTATATTTTAAATTT 1

RESULT 697
US-09-071-845-1845/c
; Sequence 1845, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994

APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1845:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-1845

Query Match 0.9%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1501 TGCATTTTTAAATACA 1516
DB 17 TGAATTATTAATACA 2

RESULT 698
US-09-071-845-1989/c
; Sequence 1989, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/149

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1989:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

3-09-071-845-1989

Query Match

Best Local Similarity 0.9%; Score 11.2; DB 1; Length 17;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

/ 1501 TCATTTTAAATACA 1516

17 TCAATTAATTAATACA 2

RESULT 699

3-09-141-286-1/c

Sequence 1, Application US/09141286

Patent No. 6245508

GENERAL INFORMATION:

APPLICANT: Heller, Michael J.; O'Connell, James P.; Juncosa,

APPLICANT: Robert D.; Sosnowski, Ronald G.; Jackson, Thomas

APPLICANT: R.

TITLE OF INVENTION: METHOD FOR FINGERPRINTING UTILIZING

TITLE OF INVENTION: AN ELECTRONICALLY ADDRESSABLE ARRAY

TITLE OF INVENTION: (as amended)

NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon LLP

STREET: 633 West Fifth Street

CITY: Los Angeles

STATE: California

COUNTRY: USA

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM compatible

OPERATING SYSTEM: WINDOWS 95

SOFTWARE: Word 97

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/141-286

FILING DATE: August 27, 1998

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/534,454

FILING DATE: September 27, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Murphy, David B.

REGISTRATION NUMBER: 31,125

REFERENCE/DOCKET NUMBER: 225/167

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 17

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

3-09-141-286-1

Query Match

Best Local Similarity 0.9%; Score 11.2; DB 1; Length 17;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1522 TTATATTTTAACTTT 1537

Db 16 TTATATTTTAAATTT 1

RESULT 700

US-09-300-958A-63

Sequence 63, Application US/09300958A

Patent No. 6495319

GENERAL INFORMATION:

APPLICANT: McClelland, Michael

APPLICANT: Welsh, John

APPLICANT: Trenkle, Thomas

TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of

FILE REFERENCES: P-PH 3457

CURRENT APPLICATION NUMBER: US/09/300,958A

PRIOR FILING DATE: 1999-04-27

PRIOR APPLICATION NUMBER: 60/083,331

PRIOR FILING DATE: 1998-04-27

PRIOR APPLICATION NUMBER: 60/098,070

PRIOR FILING DATE: 1998-08-27

PRIOR APPLICATION NUMBER: 60/118,624

PRIOR FILING DATE: 1999-02-04

NUMBER OF SEQ ID NOS: 85

SOFTWARE: Patent in Ver. 2.0

SEQ ID NO 63

LENGTH: 17

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer

US-09-300-958A-63

Query Match

Best Local Similarity 0.9%; Score 11.2; DB 1; Length 17;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1562 ATTATTTTACTGTTT 1577

Db 1 ATTATTTTCTTTT 16

RESULT 701

US-09-474-922A-81

Sequence 81, Application US/09474922A

Patent No. 6187586

GENERAL INFORMATION:

APPLICANT: Brett P. Monia

APPLICANT: Lex M. Cowser

APPLICANT: Richard A. Roth

TITLE OF INVENTION: ANTISENSE MODULATION OF Akt-3 EXPRESSION

FILE REFERENCES: RTS-0036

CURRENT APPLICATION NUMBER: US/09/474,922A

CURRENT FILING DATE: 1999-12-29

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 81

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-474-922A-81

Query Match

Best Local Similarity 0.9%; Score 11.2; DB 1; Length 18;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1555 TCTCAATTTTCTTTT 1570

Db 3 TCTCAATTTTCTTTT 18

RESULT 702
US-08-373-124A-972
Sequence 972, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 972:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-972

Query Match 0.9%; Score 11; DB 1; Length 17;
Best Local Similarity 27.3%; Pred. No. 5.9e+02;
Matches 3; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 1522 TTATATTTT 1532
Db 7 UUAUUAUUUA 17

RESULT 703
US-08-373-124A-2053
Sequence 2053, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth

APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2053:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-2053

Query Match 0.9%; Score 11; DB 1; Length 17;
Best Local Similarity 27.3%; Pred. No. 5.9e+02;
Matches 3; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 1522 TTATATTTT 1532
Db 7 UUAUUAUUUA 17

RESULT 704
US-08-435-628-972
Sequence 972, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street

APPLICATION NUMBER: US/08/373,124A
 FILING DATE: January 13, 1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/035
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 974:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-373-124A-974

Query Match 0.9%; Score 11; DB 1; Length 17;
 Best Local Similarity 27.3%; Pred. No. 5.9e+02;
 Matches 3; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

1522 TTATATTTTA 1532
 :||:||||:
 5 UUAUUAUUUA 15

RESULT 707
 US-08-373-124A-2055
 Sequence 2055, Application US/08373124A
 Patent No. 5646042
 GENERAL INFORMATION:
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Draper, Kenneth
 APPLICANT: McSwiggen, James
 APPLICANT: Jarvis, Thale
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TREATMENT OF RESTENOSIS AND
 CANCER USING RIBOZYMES
 NUMBER OF SEQUENCES: 2627
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/373,124A
 FILING DATE: January 13, 1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992

APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/035
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 2055:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-373-124A-2055

Query Match 0.9%; Score 11; DB 1; Length 17;
 Best Local Similarity 27.3%; Pred. No. 5.9e+02;
 Matches 3; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

1522 TTATATTTTA 1532
 :||:||||:
 5 UUAUUAUUUA 15

RESULT 708
 US-08-435-628-974
 Sequence 974, Application US/08435628
 Patent No. 5817796
 GENERAL INFORMATION:
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Draper, Kenneth
 APPLICANT: McSwiggen, James
 APPLICANT: Jarvis, Thale
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TREATMENT OF RESTENOSIS AND
 CANCER USING RIBOZYMES
 NUMBER OF SEQUENCES: 2627
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/435,628
 FILING DATE: 05-MAY-1995
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/373,124
 FILING DATE: January 13, 1995
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/035

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 974:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

1-08-435-628-974

Query Match 0.9%; Score 11; DB 1; Length 17;
 Best Local Similarity 27.3%; Pred. NO. 5.9e+02;
 Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1522 TTATATTTTGA 1532
 :||:||||:|
 5 UUAUAAUUUUUA 15

RESULT 709

1-08-435-628-2055 Application US/08435628
 Sequence 2055
 Patent No. 5817796

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Draper, Kenneth
 APPLICANT: McSwiggen, James
 APPLICANT: Jarvis, Thale
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TREATMENT OF RESTENOSIS AND
 TREATMENT OF CANCER USING RIBOZYMES
 NUMBER OF SEQUENCES: 2627
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/435,628
 FILING DATE: 05-MAY-1995
 CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/373,124
 FILING DATE: January 13, 1995
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/035
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2055:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

US-08-435-628-2055

Query Match 0.9%; Score 11; DB 1; Length 17;
 Best Local Similarity 27.3%; Pred. NO. 5.9e+02;
 Matches 3; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1522 TTATATTTTGA 1532
 :||:||||:|
 Db 5 UUAUAAUUUUUA 15

RESULT 710

US-09-306-420C-2/c
 Sequence 2, Application US/09306420C
 Patent No. 6555311

GENERAL INFORMATION:

APPLICANT: LOCARNINI, STEPHEN A
 APPLICANT: BARTHOLOMEUSZ, ANGELINE I
 APPLICANT: AYE, THEIN T
 APPLICANT: DEMAN, ROBERT A
 TITLE OF INVENTION: VIRAL VARIANTS AND METHODS FOR DETECTING SAME
 FILE REFERENCE: 2551-28
 CURRENT APPLICATION NUMBER: US/09/306,420C
 CURRENT FILING DATE: 1999-05-06
 PRIOR APPLICATION NUMBER: PCT/AU97/00520
 PRIOR FILING DATE: 1997-08-15
 PRIOR APPLICATION NUMBER: P03519
 PRIOR FILING DATE: 1996-11-08
 NUMBER OF SEQ ID NOS: 57
 SOFTWARE: Patent in ver. 2.0
 SEQ ID NO 2

LENGTH: 17

TYPE: DNA

ORGANISM: Hepatitis B virus

US-09-306-420C-2

Query Match 0.9%; Score 11; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. NO. 5.9e+02;
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1081 AAGAATTGGA 1091
 |||||
 Db 13 AAGAATTGGA 3

RESULT 711

US-09-306-420C-4/c
 Sequence 4, Application US/09306420C
 Patent No. 6555311

GENERAL INFORMATION:

APPLICANT: LOCARNINI, STEPHEN A
 APPLICANT: BARTHOLOMEUSZ, ANGELINE I
 APPLICANT: AYE, THEIN T
 APPLICANT: DEMAN, ROBERT A
 TITLE OF INVENTION: VIRAL VARIANTS AND METHODS FOR DETECTING SAME
 FILE REFERENCE: 2551-28
 CURRENT APPLICATION NUMBER: US/09/306,420C
 CURRENT FILING DATE: 1999-05-06
 PRIOR APPLICATION NUMBER: PCT/AU97/00520
 PRIOR FILING DATE: 1997-08-15
 PRIOR APPLICATION NUMBER: P03519
 PRIOR FILING DATE: 1996-11-08
 NUMBER OF SEQ ID NOS: 57
 SOFTWARE: Patent in ver. 2.0
 SEQ ID NO 4

LENGTH: 17

TYPE: DNA

ORGANISM: Hepatitis B virus

US-09-306-420C-4


```
Query Match 0.9%; Score 11; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.9e+02; Indels 0; Gaps 0;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2y 1081 AAGAAATTGGA 1091
   |||||
db 13 AAGAAATTGGA 3

RESULT 712
US-09-468-265-20/c
; Sequence 20, Application US/09468265
; Patent No. 6379928
; GENERAL INFORMATION:
; APPLICANT: Berka, Randy M
; APPLICANT: Cullen, Daniel
; APPLICANT: Gray, Gregory L
; APPLICANT: Hayenga, Kirk J
; APPLICANT: Lawlis, Virgil B
; TITLE OF INVENTION: Heterologous Polypeptides Expressed in Filamentous Fungi, Process
; TITLE OF INVENTION: Making Same and Vectors for Making Same
; FILE REFERENCE: A-42909-5
; CURRENT APPLICATION NUMBER: US/09/468,265
; CURRENT FILING DATE: 1999-12-10
; PRIOR APPLICATION NUMBER: 08/484,384
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: 08/284,942
; PRIOR FILING DATE: 1994-08-02
; PRIOR APPLICATION NUMBER: 07/413,010
; PRIOR FILING DATE: 1989-09-25
; PRIOR APPLICATION NUMBER: 07/163,219
; PRIOR FILING DATE: 1988-02-26
; PRIOR APPLICATION NUMBER: 06/882,224
; PRIOR FILING DATE: 1986-07-07
; PRIOR APPLICATION NUMBER: 06/771,374
; PRIOR FILING DATE: 1985-08-29
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide probes
US-09-468-265-20

Query Match 0.9%; Score 11; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 5.9e+02; Indels 0; Gaps 0;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 1047 TTTATGCTATTTAT 1059
   ||:|||||
Db 17 TTDATRTATTTT 5

RESULT 713
US-09-468-894-11
; Sequence 11, Application US/09046894
; Patent No. 6190857
; GENERAL INFORMATION:
; APPLICANT: Ralph, David
; APPLICANT: An, Gang
; APPLICANT: O'Hara, Mark S.
; APPLICANT: Velti, Robert
; TITLE OF INVENTION: DIAGNOSIS OF DISEASE STATE USING mRNA
; TITLE OF INVENTION: PROFILES IN PERIPHERAL LEUKOCYTES
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
```

```
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA: US/09/046,894
APPLICATION NUMBER: US/09/046,894
FILING DATE: Concurrently Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/041,576
FILING DATE: 24-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Nakashima, Richard A.
REGISTRATION NUMBER: P-42,023
REFERENCE/DOCKET NUMBER: UROC-014
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEFAX: (512) 474-7577
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-046-894-11

Query Match 0.9%; Score 11; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.4e+02; Indels 0; Gaps 0;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 850 TGGCAACCCCTA 860
   |||||
Db 1 TGGCAACCCCTA 11

RESULT 714
US-09-496-694B-240/c
; Sequence 240, Application US/09496694B
; Patent No. 6335194
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0439
; CURRENT APPLICATION NUMBER: US/09/496,694B
; CURRENT FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 249
; SEQ ID NO 240
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-240

Query Match 0.9%; Score 11; DB 1; Length 20;
Best Local Similarity 73.7%; Pred. No. 7.4e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1250 ATAACACACAAATAATTTT 1268
   |||||
Db 19 ATAACAAATAATTAATTTT 1
```

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RESULT 715
S-09-021-701-865
Sequence 865, Application US/09021701
Patent No. 6251588
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Records Manager, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 865:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
HYPOTHETICAL: NO
ANTI-SENSE: NO
S-09-021-701-865

Query Match 0.9%; Score 11; DB 1; Length 20;
Best Local Similarity 73.7%; Pred. No. 7.4e-02;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Y 518 TGGTTAAATTCGATTTCA 536
b 2 TGGGAAATTTAAAGTCA 20

RESULT 716
S-08-311-486C-189/c
Sequence 189, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisich
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Lyon & Lyon

```

```

STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
PRIOR APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 189:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-189

Query Match 0.9%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1250 ATAAACAACAATA 1263
DB 14 ATAAATAATAATA 1

RESULT 717
US-08-311-486C-197/c
Sequence 197, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisich
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

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MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311.486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 197:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-197

two

Query Match 0.9%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;
Matches 12; Conservative 0; Mismatches 2;

QY 1250 ATAAACACAAATA 1263
DB 14 ATAAATAATAATA 1

RESULT 718
US-08-311-486C-706/c
Sequence 706, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisch
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
CITY: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311.486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 706:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-706

Query Match 0.9%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;
Matches 12; Conservative 0; Mismatches 2;

QY 1250 ATAAACACAAATA 1263
DB 14 ATAAATAATAATA 1

RESULT 719
US-08-311-486C-707/c
Sequence 707, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisch
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
CITY: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311.486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:

two

NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 707:

SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

S-08-311-486C-707

Query Match 0.9%; Score 10.8; DB 1; Length 15;

Best Local Similarity 85.7%; Pred. No. 5e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1250 ATAAACACAAATA 1263

||||| ||| |||||
14 ATAAATAATAATA 1

RESULT 720

S-08-311-486C-708/c

Sequence 708, Application US/08311486C

Patent No. 5811300

GENERAL INFORMATION:

APPLICANT: Sean Sullivan

APPLICANT: Kenneth Draper

APPLICANT: Kevin Kisich

APPLICANT: Dan T. Stinchcomb

APPLICANT: James McSwiggen

TITLE OF INVENTION: RIBOZYME TREATMENT OF

TITLE OF INVENTION: DISEASES OR CONDITIONS

TITLE OF INVENTION: RELATED TO LEVELS OF

TITLE OF INVENTION: TNF-

NUMBER OF SEQUENCES: 1157

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/311,486C

FILING DATE: September 23, 1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/166

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 708:

SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-311-486C-708

Query Match 0.9%; Score 10.8; DB 1; Length 15;

Best Local Similarity 85.7%; Pred. No. 5e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1250 ATAAACACAAATA 1263

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14 ATAAATAATAATA 1

RESULT 721

US-08-311-486C-196/c

Sequence 196, Application US/08311486C

Patent No. 5811300

GENERAL INFORMATION:

APPLICANT: Sean Sullivan

APPLICANT: Kenneth Draper

APPLICANT: Kevin Kisich

APPLICANT: Dan T. Stinchcomb

APPLICANT: James McSwiggen

TITLE OF INVENTION: RIBOZYME TREATMENT OF

TITLE OF INVENTION: DISEASES OR CONDITIONS

TITLE OF INVENTION: RELATED TO LEVELS OF

TITLE OF INVENTION: TNF-

NUMBER OF SEQUENCES: 1157

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/311,486C

FILING DATE: September 23, 1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/166

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 196:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-311-486C-196

Query Match 0.9%; Score 10.8; DB 1; Length 15;

two

two

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1500
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 703:
SEQUENCE CHARACTERISTICS
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
JS-08-311-486C-703

Query Match 0.9%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels

621 AAACAACAAATAAT 634
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15 AAATAATAAATAAT 2

RESULT 727

US-08-311-486C-704/c
; Sequence 704, Application US/08311486C
; Patent No. 5811300

1 GENERAL INFORMATION: 1
2 APPLICANT: Sean Sullivan 2
3 APPLICANT: Kenneth Draper 3
4 APPLICANT: Kevin Kleich 4
5 APPLICANT: Dan T. Stinchcomb 5
6 APPLICANT: James McSwigen 6
7 TITLE OF INVENTION: RIBOZYME TREATMENT OF 7
8 TITLE OF INVENTION: DISEASES OR CONDITIONS 8
9 TITLE OF INVENTION: RELATED TO LEVELS OF 9
10 TITLE OF INVENTION: TNF- 10
11 NUMBER OF SEQUENCES: 1:57 11
12 CORRESPONDENCE ADDRESS: 12

ADDRESS: LYON & LYON
STREET: 613 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311.486C
FILING DATE: September 23, 1994

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ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

```

: INFORMATION FOR SEQ ID NO: 704:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 15 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: US-08-311-4865-704

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Query Match 0.9%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 5e+02;
Matches 12: Conservative 0; Mismatches 2; Indels

Qy	621	AAACACACAAATAAT	634
Dp	15	AAATAATAATAATAAT	2

RESULT 728

US-08-334-847-326
; Sequence 326, Application US/08334847
; Patent No. 5693532

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7  ZIP: 90071-2066
8  COMPUTER READABLE FORM:
9  MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
10 MEDIUM TYPE: storage
11 COMPUTER: IBM Compatible
12 OPERATING SYSTEM: IBM P.C. DOS 5.0
13 SOFTWARE: Word Perfect 5.1
14

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CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/334,847
 FILING DATE: NO. 5693532ember 4, 1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:

FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,
 REFERENCE/DOCKET NUMBER:
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-160
 TELEFAX: (213) 955-0440
 TELEX: 67-3510

```

/       / 1584: 87-3510 326:
/ INFORMATION FOR SEQ ID NO:
/       /
/ SEQUENCE CHARACTERISTICS:
/       /
/ LENGTH: 15 base pairs
/       /
/ TYPE: nucleic acid
/       /
/ STRANDEDNESS: single
/       /
/ TOPOLOGY: linear
/       /
/ US-08-334-847-326

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Query Match 0.9%; Score 10.8; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 5e+02;
Matches 9: Conservative 3; Mismatches 2; Indels

QY 671 AGAATATACAAATA 684
| | | | : |
Db 1 AUAADUACAAAGUA 14

RESULT 729
S-08-311-486C-240/c
Sequence 240, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisich
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 240:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
S-08-311-486C-240
Query Match 0.9%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Y 1258 CAAATAATTTT 1271
b 15 CAGATAATTTT 2

RESULT 730
S-08-832-021-41/c
Sequence 41, Application US/08832021
Patent No. 6045998
GENERAL INFORMATION:
APPLICANT: Combates, N.

APPLICANT: Pardinas, J.
APPLICANT: Parimoo, S.
APPLICANT: Prouty, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patent in Ver. 2.0
SEQ ID NO 41
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-41
Query Match 0.9%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 613 TCTACAAAACAA 626
b 15 TCTACAAAACAA 2

RESULT 731
US-08-585-684B-894
Sequence 894, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 894:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

JS-08-585-884B-894

Query Match 0.9%; Score 10.8; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;
Matches 7; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1155 TAGATATTAAATGA 1168
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DB 1 UAAAUUUAUAA 14

RESULT 732

JS-09-038-073-894
Sequence 894, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 894:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-894

Query Match 0.9%; Score 10.8; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;
Matches 7; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1155 TAGATATTAAATGA 1168
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DB 1 UAAAUUUAUAA 14

Search completed: December 18, 2003, 07:23:51
Job time : 13 secs

GenCore version 5.1.6
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M nucleic - nucleic search, using sw model

un on: December 18, 2003, 07:26:41 ; Search time 10 seconds
(without alignments)
3.086 Million cell updates/sec

title: us-09-960-143-3
effect score: 1249
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coring table: IDENTITY_NUC
Gapop 10.0 ; Gapext 0.5

searched: 699 seqs, 12352 residues

total number of hits satisfying chosen parameters: 1398

minimum DB seq length: 8
maximum DB seq length: 50

post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 736 summaries

atabase : rnpb.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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C 2	46	3.7	47	1	US-10-084-839-1146
C 3	41	3.3	42	1	US-09-864-636A-1138
C 4	41	3.3	42	1	US-10-084-839-1138
C 5	36	2.9	37	1	US-09-864-636A-1147
C 6	36	2.9	37	1	US-09-864-636A-1148
C 7	36	2.9	37	1	US-10-084-839-1147
C 8	36	2.9	37	1	US-10-084-839-1148
C 9	34	2.7	35	1	US-09-864-636A-1130
C 10	34	2.7	35	1	US-09-864-636A-1153
C 11	34	2.7	35	1	US-09-864-636A-1158
C 12	34	2.7	35	1	US-09-864-636A-1163
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C 15	34	2.7	35	1	US-10-084-839-1158
C 16	34	2.7	35	1	US-10-084-839-1163
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C 18	31	2.5	32	1	US-09-864-636A-1140
C 19	31	2.5	32	1	US-10-084-839-1139
C 20	31	2.5	32	1	US-10-084-839-1140
C 21	30	2.4	30	1	US-09-882-945A-305
C 22	25	2.0	25	1	US-09-885-441-31
C 23	24	1.9	24	1	US-09-875-408-72
C 24	24	1.9	24	1	US-09-864-636A-1159
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C 26	24	1.9	24	1	US-10-075-579-72
C 27	23	1.8	23	1	US-09-864-636A-1154
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C 33	21	1.7	21	1	US-09-882-945A-310

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1	US-09-864-636A-1165	20	1.6	40	Sequence 1165, Ap
1	US-10-084-839-1133	41	2.0	41	Sequence 1133, Ap
1	US-10-084-839-1165	20	1.6	42	Sequence 1165, Ap
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1	US-10-142-046-4	19	1.5	46	Sequence 781, Appl
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1	US-10-098-263B-68164	25	1.6	48	Sequence 68164, A
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1	US-09-864-636A-1141	24	1.4	51	Sequence 1141, Ap
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1	US-10-388-263-196	18	1.2	64	Sequence 196, App
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1	US-09-864-636A-1146	47	1.2	67	Sequence 1146, Ap
1	US-10-084-839-1146	47	1.2	68	Sequence 1146, Ap
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1	US-09-795-686-68	20	1.2	79	Sequence 68, Appl
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1	US-09-918-186A-240	20	1.2	82	Sequence 240, App
1	US-09-780-172-33	20	1.2	83	Sequence 33, Appl
1	US-09-946-807-68	20	1.2	84	Sequence 68, Appl
1	US-10-159-856-54	20	1.2	85	Sequence 54, Appl
1	US-10-033-742-27	20	1.2	86	Sequence 27, Appl
1	US-10-005-344-239	20	1.2	87	Sequence 239, App
1	US-09-922-261-307	21	1.2	88	Sequence 307, App
1	US-10-085-906-530	21	1.2	89	Sequence 530, App
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1	US-10-060-756A-1671	17	1.2	96	Sequence 1671, Ap
1	US-10-060-756A-1673	17	1.2	97	Sequence 1673, Ap
1	US-10-156-306-7038	17	1.2	98	Sequence 7038, Ap
1	US-09-969-373-4513	18	1.2	99	Sequence 4513, Ap
1	US-09-969-373-2073	18	1.2	100	Sequence 2073, Ap
1	US-10-205-309-186	19	1.1	101	Sequence 186, App
1	US-10-205-309-511	19	1.1	102	Sequence 511, App
1	US-10-067-534-8	19	1.1	103	Sequence 8, Appll
1	US-09-971-309-53	20	1.1	104	Sequence 53, Appll
1	US-09-971-309-54	20	1.1	105	Sequence 54, Appll

c 107	14.2	1.1	20	1	US-09-780-172-56	Sequence 56, Appl	c 180	13	1.0	13	1	US-09-263-959-520	Sequence 520, App
c 108	14.2	1.1	20	1	US-09-865-866-108	Sequence 108, App	c 181	13	1.0	13	1	US-09-263-959-567	Sequence 567, App
c 109	14.2	1.1	20	1	US-09-784-674-864	Sequence 864, App	c 182	13	1.0	15	1	US-10-044-674-53	Sequence 53, Appl
c 110	14.2	1.1	20	1	US-09-784-674-865	Sequence 865, App	c 183	13	1.0	15	1	US-10-357-488-33	Sequence 33, Appl
c 111	14.2	1.1	20	1	US-09-784-674-869	Sequence 869, App	c 184	13	1.0	15	1	US-10-001-835-27	Sequence 27, Appl
c 112	14.2	1.1	20	1	US-09-784-674-870	Sequence 870, App	c 185	13	1.0	15	1	US-09-263-959-472	Sequence 472, App
c 113	14.2	1.1	20	1	US-09-906-158-147	Sequence 147, App	c 186	13	1.0	17	1	US-09-866-108-7598	Sequence 7598, App
c 114	14.2	1.1	20	1	US-10-159-834-29	Sequence 29, Appl	c 187	13	1.0	17	1	US-09-866-108-7604	Sequence 7604, App
c 115	14.2	1.1	20	1	US-10-024-396-76	Sequence 76, Appl	c 188	13	1.0	17	1	US-09-730-2898-614	Sequence 614, App
c 116	14.2	1.1	20	1	US-10-044-423-1	Sequence 1, Appl	c 189	13	1.0	17	1	US-09-818-875-1774	Sequence 1774, App
c 117	14.2	1.1	20	1	US-09-843-377-81	Sequence 81, Appl	c 190	13	1.0	17	1	US-09-818-875-1775	Sequence 1775, App
c 118	14.2	1.1	20	1	US-10-016-149-84	Sequence 84, Appl	c 191	13	1.0	17	1	US-09-818-875-1777	Sequence 1777, App
c 119	14	1.1	20	1	US-09-263-959-816	Sequence 816, App	c 192	13	1.0	17	1	US-09-818-875-1779	Sequence 1779, App
c 120	14	1.1	15	1	US-09-263-959-499	Sequence 499, App	c 193	13	1.0	17	1	US-09-848-754A-514	Sequence 514, App
c 121	14	1.1	15	1	US-09-263-959-695	Sequence 695, App	c 194	13	1.0	17	1	US-09-848-754A-515	Sequence 515, App
c 122	14	1.1	17	1	US-09-866-108-7599	Sequence 7599, App	c 195	13	1.0	17	1	US-09-848-754A-516	Sequence 516, App
c 123	14	1.1	17	1	US-09-866-108-7603	Sequence 7603, App	c 196	13	1.0	17	1	US-09-848-754A-517	Sequence 517, App
c 124	14	1.1	17	1	US-09-848-754A-714	Sequence 714, App	c 197	13	1.0	17	1	US-09-848-754A-1816	Sequence 1816, App
c 125	14	1.1	17	1	US-09-848-754A-3038	Sequence 3038, App	c 198	13	1.0	17	1	US-09-848-754A-3748	Sequence 3748, App
c 126	14	1.1	19	1	US-09-263-959-630	Sequence 630, App	c 199	13	1.0	17	1	US-10-156-225A-28	Sequence 28, Appl
c 127	14	1.1	19	1	US-09-263-959-856	Sequence 856, App	c 200	13	1.0	17	1	US-10-209-787-1774	Sequence 1774, App
c 128	14	1.1	19	1	US-09-263-959-963	Sequence 963, App	c 201	13	1.0	17	1	US-10-209-787-1775	Sequence 1775, App
c 129	14	1.1	28	1	US-10-085-906-147	Sequence 147, App	c 202	13	1.0	17	1	US-10-209-787-1778	Sequence 1778, App
c 130	13.8	1.1	17	1	US-09-263-959-750	Sequence 750, App	c 203	13	1.0	17	1	US-10-209-787-1779	Sequence 1779, App
c 131	13.8	1.1	17	1	US-09-730-289B-126	Sequence 126, App	c 204	13	1.0	18	1	US-09-851-501-29	Sequence 29, Appl
c 132	13.8	1.1	17	1	US-09-730-289B-842	Sequence 842, App	c 205	13	1.0	18	1	US-10-142-722-29	Sequence 17, Appl
c 133	13.8	1.1	17	1	US-09-730-289B-956	Sequence 956, App	c 206	13	1.0	20	1	US-09-972-469-17	Sequence 305, App
c 134	13.8	1.1	17	1	US-10-238-700-1167	Sequence 1167, App	c 207	13	1.0	20	1	US-09-892-945A-305	Sequence 35, Appl
c 135	13.8	1.1	17	1	US-10-105-481-23	Sequence 23, Appl	c 208	12.8	1.0	16	1	US-09-823-847-35	Sequence 187, App
c 136	13.8	1.1	17	1	US-10-060-756A-1930	Sequence 1930, App	c 209	12.8	1.0	16	1	US-10-182-230-187	Sequence 187, App
c 137	13.8	1.1	19	1	US-09-263-959-945	Sequence 945, App	c 210	12.8	1.0	16	1	US-10-287-919-2269	Sequence 2269, App
c 138	13.8	1.1	19	1	US-10-027-632-176756	Sequence 176756, App	c 211	12.8	1.0	16	1	US-10-287-919-2308	Sequence 2308, App
c 139	13.8	1.1	21	1	US-10-085-906-501	Sequence 501, App	c 212	12.8	1.0	17	1	US-09-730-289B-125	Sequence 125, App
c 140	13.6	1.1	15	1	US-09-263-959-622	Sequence 622, App	c 213	12.8	1.0	17	1	US-09-730-289B-169	Sequence 169, App
c 141	13.4	1.1	15	1	US-09-263-959-627	Sequence 627, App	c 214	12.8	1.0	17	1	US-09-730-289B-177	Sequence 177, App
c 142	13.4	1.1	15	1	US-09-263-959-650	Sequence 650, App	c 215	12.8	1.0	17	1	US-09-730-289B-178	Sequence 178, App
c 143	13.4	1.1	15	1	US-09-263-959-650	Sequence 650, App	c 216	12.8	1.0	17	1	US-09-730-289B-178	Sequence 178, App
c 144	13.4	1.1	15	1	US-09-263-959-933	Sequence 933, App	c 217	12.8	1.0	17	1	US-09-818-875-759	Sequence 899, App
c 145	13.4	1.1	15	1	US-09-842-347-13	Sequence 13, Appl	c 218	12.8	1.0	17	1	US-09-818-875-760	Sequence 759, App
c 146	13.4	1.1	15	1	US-09-842-347-13	Sequence 13, Appl	c 219	12.8	1.0	17	1	US-09-818-875-760	Sequence 1459, App
c 147	13.4	1.1	17	1	US-09-836-712-4	Sequence 4, Appl	c 220	12.8	1.0	17	1	US-09-818-875-1459	Sequence 1460, App
c 148	13.4	1.1	17	1	US-09-848-754A-1181	Sequence 1181, App	c 221	12.8	1.0	17	1	US-09-818-875-1460	Sequence 430, App
c 149	13.4	1.1	17	1	US-09-848-754A-3292	Sequence 3292, App	c 222	12.8	1.0	17	1	US-09-780-533A-430	Sequence 430, App
c 150	13.4	1.1	17	1	US-09-848-754A-3293	Sequence 3293, App	c 223	12.8	1.0	17	1	US-09-780-533A-457	Sequence 1316, App
c 151	13.4	1.1	17	1	US-09-930-423-226	Sequence 226, App	c 224	12.8	1.0	17	1	US-09-780-533A-1316	Sequence 1612, App
c 152	13.4	1.1	17	1	US-09-930-423-897	Sequence 897, App	c 225	12.8	1.0	17	1	US-09-780-533A-1612	Sequence 2193, App
c 153	13.4	1.1	17	1	US-09-930-423-1100	Sequence 1100, App	c 226	12.8	1.0	17	1	US-09-780-533A-2193	Sequence 45, Appl
c 154	13.4	1.1	17	1	US-09-745-237A-226	Sequence 226, App	c 227	12.8	1.0	17	1	US-09-877-478-45	Sequence 45, Appl
c 155	13.4	1.1	17	1	US-09-745-237A-897	Sequence 897, App	c 228	12.8	1.0	17	1	US-09-877-478-720	Sequence 720, App
c 156	13.4	1.1	17	1	US-09-745-237A-1100	Sequence 1100, App	c 229	12.8	1.0	17	1	US-09-877-478-1643	Sequence 1643, App
c 157	13.4	1.1	17	1	US-10-238-700-1268	Sequence 1268, App	c 230	12.8	1.0	17	1	US-09-877-478-2041	Sequence 2041, App
c 158	13.4	1.1	17	1	US-10-238-700-3635	Sequence 3635, App	c 231	12.8	1.0	17	1	US-09-877-478-2385	Sequence 2385, App
c 159	13.4	1.1	17	1	US-10-338-777-139	Sequence 139, App	c 232	12.8	1.0	17	1	US-09-740-332-1258	Sequence 1258, App
c 160	13.4	1.1	17	1	US-10-060-756A-1670	Sequence 1670, App	c 233	12.8	1.0	17	1	US-09-740-332-3297	Sequence 3297, App
c 161	13.4	1.1	17	1	US-10-060-756A-1674	Sequence 1674, App	c 234	12.8	1.0	17	1	US-10-238-700-320	Sequence 320, App
c 162	13.4	1.1	17	1	US-10-306-5017	Sequence 5017, App	c 235	12.8	1.0	17	1	US-10-238-700-377	Sequence 377, App
c 163	13.4	1.1	18	1	US-09-774-414-22	Sequence 22, Appl	c 236	12.8	1.0	17	1	US-10-238-700-583	Sequence 583, App
c 164	13.4	1.1	19	1	US-10-251-117-947	Sequence 947, App	c 237	12.8	1.0	17	1	US-10-238-700-566	Sequence 666, App
c 165	13.4	1.1	19	1	US-10-251-117-947	Sequence 947, App	c 238	12.8	1.0	17	1	US-10-238-700-845	Sequence 845, App
c 166	13.2	1.1	18	1	US-09-994-311-6	Sequence 6, Appl	c 239	12.8	1.0	17	1	US-10-238-700-1166	Sequence 1166, App
c 167	13.2	1.1	18	1	US-10-297-068-166	Sequence 166, App	c 240	12.8	1.0	17	1	US-10-238-700-1210	Sequence 1210, App
c 168	13.2	1.1	18	1	US-10-168-771-81	Sequence 81, Appl	c 241	12.8	1.0	17	1	US-10-238-700-1261	Sequence 1261, App
c 169	13.2	1.1	18	1	US-10-310-294-57	Sequence 57, Appl	c 242	12.8	1.0	17	1	US-10-238-700-1267	Sequence 1267, App
c 170	13.2	1.1	18	1	US-10-169-519A-22	Sequence 22, Appl	c 243	12.8	1.0	17	1	US-10-238-700-1315	Sequence 1315, App
c 171	13.2	1.1	18	1	US-10-043-875-9	Sequence 9, Appl	c 244	12.8	1.0	17	1	US-10-238-700-3054	Sequence 3054, App
c 172	13.2	1.1	18	1	US-10-146-575-15	Sequence 15, Appl	c 245	12.8	1.0	17	1	US-10-061-201-862	Sequence 862, App
c 173	13.2	1.1	18	1	US-10-146-575-29	Sequence 29, Appl	c 246	12.8	1.0	17	1	US-10-061-201-863	Sequence 863, App
c 174	13.2	1.1	37	1	US-09-864-636A-1147	Sequence 1147, App	c 247	12.8	1.0	17	1	US-10-339-782-311	Sequence 311, App
c 175	13.2	1.1	37	1	US-09-864-636A-1148	Sequence 1148, App	c 248	12.8	1.0	17	1	US-09-817-879-1258	Sequence 1258, App
c 176	13.2	1.1	37	1	US-10-084-839-1147	Sequence 1147, App	c 249	12.8	1.0	17	1	US-09-817-879-3297	Sequence 3297, App
c 177	13.2	1.1	37	1	US-10-084-839-1148	Sequence 1148, App	c 250	12.8	1.0	17	1	US-10-339-793-192	Sequence 192, App
c 178	13.2	1.1	42	1	US-09-864-636A-1138	Sequence 1138, App	c 251	12.8	1.0	17	1	US-10-338-777-275	Sequence 275, App
c 179	13.2	1.1	42	1	US-10-084-839-1138	Sequence 1138, App	c 252	12.8	1.0	17	1	US-10-209-787-759	Sequence 759, App

253	1.0	17	1	US-10-209-787-760	Sequence 760, App	326	12.4	1.0	17	1	US-10-209-787-583	Sequence 583, App
254	1.0	17	1	US-10-209-787-1459	Sequence 1459, App	327	12.4	1.0	17	1	US-10-209-787-584	Sequence 584, App
255	1.0	17	1	US-10-209-787-1460	Sequence 1460, App	328	12.4	1.0	17	1	US-10-209-787-3034	Sequence 3034, App
256	1.0	17	1	US-10-060-756A-1929	Sequence 1929, App	329	12.4	1.0	17	1	US-10-209-787-3055	Sequence 3055, App
257	1.0	17	1	US-10-060-756A-1931	Sequence 1931, App	330	12.4	1.0	17	1	US-10-060-756A-1669	Sequence 1669, App
258	1.0	17	1	US-10-060-756A-4322	Sequence 4322, App	331	12.4	1.0	17	1	US-10-060-756A-1675	Sequence 1675, App
259	1.0	17	1	US-10-060-756A-4323	Sequence 4323, App	332	12.4	1.0	17	1	US-10-060-756A-1927	Sequence 1927, App
260	1.0	17	1	US-10-287-919-616	Sequence 616, App	333	12.4	1.0	17	1	US-10-060-756A-1928	Sequence 1928, App
261	1.0	17	1	US-10-287-919-6240	Sequence 6240, App	334	12.4	1.0	17	1	US-10-156-306-468	Sequence 468, App
262	1.0	17	1	US-10-156-306-459	Sequence 459, App	335	12.4	1.0	17	1	US-10-156-306-469	Sequence 469, App
263	1.0	17	1	US-10-156-306-460	Sequence 460, App	336	12.4	1.0	17	1	US-10-156-306-470	Sequence 470, App
264	1.0	17	1	US-10-156-306-1283	Sequence 1283, App	337	12.4	1.0	17	1	US-10-156-306-471	Sequence 471, App
265	1.0	17	1	US-10-156-306-2702	Sequence 2702, App	338	12.4	1.0	17	1	US-10-156-306-7039	Sequence 7039, App
266	1.0	17	1	US-10-260-451-2	Sequence 2, Appl	339	12.4	1.0	22	1	US-09-263-959-781	Sequence 781, App
267	1.0	17	1	US-10-260-451-4	Sequence 4, Appl	340	12.2	1.0	17	1	US-09-730-289B-126	Sequence 126, App
268	1.0	17	1	US-09-969-373-2022	Sequence 2022, App	341	12.2	1.0	17	1	US-09-730-289B-178	Sequence 178, App
269	1.0	18	1	US-09-969-373-3651	Sequence 3651, App	342	12.2	1.0	17	1	US-10-156-306-460	Sequence 460, App
270	1.0	18	1	US-09-969-373-4320	Sequence 4320, App	343	12.2	1.0	17	1	US-09-768-436-9	Sequence 9, Appl
271	1.0	18	1	US-10-388-263-156	Sequence 156, App	344	12.2	1.0	17	1	US-09-866-108-387	Sequence 867, App
272	1.0	18	1	US-10-301-661A-35	Sequence 35, Appl	345	12.2	1.0	17	1	US-09-866-108-849	Sequence 849, App
273	1.0	18	1	US-10-301-661A-91	Sequence 91, Appl	346	12.2	1.0	17	1	US-09-866-108-6770	Sequence 6770, App
274	1.0	18	1	US-10-326-587-9	Sequence 9, Appl	347	12.2	1.0	17	1	US-09-866-108-7125	Sequence 7125, App
275	1.0	18	1	US-10-178-325-449	Sequence 149, App	348	12.2	1.0	17	1	US-09-866-108-7126	Sequence 7126, App
276	1.0	18	1	US-10-299-881-22	Sequence 22, Appl	349	12.2	1.0	17	1	US-09-866-108-9905	Sequence 9904, App
277	1.0	18	1	US-10-172-086-116	Sequence 116, App	350	12.2	1.0	17	1	US-09-866-108-10443	Sequence 10443, App
278	1.0	18	1	US-10-201-685-12	Sequence 12, Appl	351	12.2	1.0	17	1	US-09-866-108-10443	Sequence 10443, App
279	1.0	17	1	US-10-117-955B-5	Sequence 5, Appl	352	12.2	1.0	17	1	US-09-263-959-546	Sequence 546, App
280	1.0	17	1	US-10-105-481-20	Sequence 20, Appl	353	12.2	1.0	17	1	US-09-879-959-6	Sequence 6, Appl
281	1.0	14	1	US-08-980-088B-11	Sequence 11, Appl	354	12.2	1.0	17	1	US-09-943-317-15	Sequence 15, Appl
282	1.0	14	1	US-09-263-959-669	Sequence 669, App	355	12.2	1.0	17	1	US-09-943-316-15	Sequence 15, Appl
283	1.0	14	1	US-10-155-233-39	Sequence 39, Appl	356	12.2	1.0	17	1	US-09-872-462-83	Sequence 83, Appl
284	1.0	15	1	US-09-882-945A-330	Sequence 330, App	357	12.2	1.0	17	1	US-09-872-462-205	Sequence 205, App
285	1.0	15	1	US-10-440-850-406	Sequence 406, App	358	12.2	1.0	17	1	US-09-864-785-243	Sequence 243, App
286	1.0	15	1	US-10-440-836	Sequence 836, App	359	12.2	1.0	17	1	US-09-864-785-2964	Sequence 2964, App
287	1.0	15	1	US-10-287-919-591	Sequence 591, App	360	12.2	1.0	17	1	US-09-825-805-534	Sequence 534, App
288	1.0	15	1	US-10-287-919-553	Sequence 553, App	361	12.2	1.0	17	1	US-09-961-077-792	Sequence 792, App
289	1.0	15	1	US-10-287-919-187	Sequence 187, App	362	12.2	1.0	17	1	US-09-730-289B-164	Sequence 164, App
290	1.0	15	1	US-10-287-919-1863	Sequence 1863, App	363	12.2	1.0	17	1	US-09-730-289B-181	Sequence 181, App
291	1.0	15	1	US-10-287-919-1903	Sequence 1903, App	364	12.2	1.0	17	1	US-09-730-289B-223	Sequence 223, App
292	1.0	15	1	US-10-287-919-1939	Sequence 1939, App	365	12.2	1.0	17	1	US-09-730-289B-235	Sequence 235, App
293	1.0	15	1	US-10-287-919-1971	Sequence 1971, App	366	12.2	1.0	17	1	US-09-730-289B-282	Sequence 282, App
294	1.0	15	1	US-10-287-919-2415	Sequence 2415, App	367	12.2	1.0	17	1	US-09-730-289B-296	Sequence 296, App
295	1.0	15	1	US-10-287-919-2419	Sequence 2419, App	368	12.2	1.0	17	1	US-09-730-289B-581	Sequence 581, App
296	1.0	15	1	US-10-287-919-2626	Sequence 2626, App	369	12.2	1.0	17	1	US-09-730-289B-616	Sequence 616, App
297	1.0	15	1	US-09-827-998-196	Sequence 196, App	370	12.2	1.0	17	1	US-09-730-289B-692	Sequence 692, App
298	1.0	17	1	US-09-827-998-197	Sequence 197, App	371	12.2	1.0	17	1	US-09-730-289B-872	Sequence 872, App
299	1.0	17	1	US-09-827-998-198	Sequence 198, App	372	12.2	1.0	17	1	US-09-730-289B-880	Sequence 880, App
300	1.0	17	1	US-09-263-959-744	Sequence 744, App	373	12.2	1.0	17	1	US-09-730-289B-950	Sequence 950, App
301	1.0	17	1	US-09-864-785-668	Sequence 668, App	374	12.2	1.0	17	1	US-09-730-289B-954	Sequence 954, App
302	1.0	17	1	US-09-864-785-668	Sequence 668, App	375	12.2	1.0	17	1	US-09-730-289B-954	Sequence 954, App
303	1.0	17	1	US-09-864-785-2141	Sequence 2141, App	376	12.2	1.0	17	1	US-09-730-289B-958	Sequence 958, App
304	1.0	17	1	US-09-730-289B-176	Sequence 176, App	377	12.2	1.0	17	1	US-09-730-289B-970	Sequence 970, App
305	1.0	17	1	US-09-818-875-583	Sequence 583, App	378	12.2	1.0	17	1	US-09-730-289B-1033	Sequence 1033, App
306	1.0	17	1	US-09-818-875-584	Sequence 584, App	379	12.2	1.0	17	1	US-09-730-289B-1093	Sequence 1093, App
307	1.0	17	1	US-09-818-875-3054	Sequence 3054, App	380	12.2	1.0	17	1	US-09-730-289B-1120	Sequence 1120, App
308	1.0	17	1	US-09-818-875-3055	Sequence 3055, App	381	12.2	1.0	17	1	US-09-818-875-563	Sequence 563, App
309	1.0	17	1	US-09-780-533A-458	Sequence 458, App	382	12.2	1.0	17	1	US-09-818-875-564	Sequence 564, App
310	1.0	17	1	US-09-780-533A-1127	Sequence 1127, App	383	12.2	1.0	17	1	US-09-818-875-564	Sequence 564, App
311	1.0	17	1	US-09-780-533A-2182	Sequence 2182, App	384	12.2	1.0	17	1	US-09-818-875-772	Sequence 772, App
312	1.0	17	1	US-09-780-533A-2524	Sequence 2524, App	385	12.2	1.0	17	1	US-09-818-875-1723	Sequence 1723, App
313	1.0	17	1	US-09-780-533A-2556	Sequence 2556, App	386	12.2	1.0	17	1	US-09-818-875-1724	Sequence 1724, App
314	1.0	17	1	US-09-848-75AA-198	Sequence 198, App	387	12.2	1.0	17	1	US-09-818-875-2158	Sequence 2158, App
315	1.0	17	1	US-09-776-474-297	Sequence 297, App	388	12.2	1.0	17	1	US-09-818-875-2159	Sequence 2159, App
316	1.0	17	1	US-09-776-474-298	Sequence 298, App	389	12.2	1.0	17	1	US-09-818-875-2438	Sequence 2438, App
317	1.0	17	1	US-09-776-474-299	Sequence 299, App	390	12.2	1.0	17	1	US-09-818-875-2439	Sequence 2439, App
318	1.0	17	1	US-09-740-332-1259	Sequence 1259, App	391	12.2	1.0	17	1	US-09-818-875-2442	Sequence 2442, App
319	1.0	17	1	US-09-792-818-289	Sequence 289, App	392	12.2	1.0	17	1	US-09-818-875-2443	Sequence 2443, App
320	1.0	17	1	US-10-238-700-319	Sequence 319, App	393	12.2	1.0	17	1	US-09-818-875-2538	Sequence 2538, App
321	1.0	17	1	US-10-238-700-1292	Sequence 1292, App	394	12.2	1.0	17	1	US-09-818-875-2539	Sequence 2539, App
322	1.0	17	1	US-09-817-879-1259	Sequence 1259, App	395	12.2	1.0	17	1	US-09-818-875-2542	Sequence 2542, App
323	1.0	17	1	US-10-340-192-29	Sequence 29, Appl	396	12.2	1.0	17	1	US-09-818-875-2543	Sequence 2543, App
324	1.0	17	1	US-10-091-281-263	Sequence 263, App	397	12.2	1.0	17	1	US-09-818-875-4186	Sequence 4186, App
325	1.0	17	1			398	12.2	1.0	17	1	US-09-818-875-4187	Sequence 4187, App

399	1.0	17	1	US-09-780-533A-107	Sequence 107, App	C 472	12.2	1.0	17	1	US-10-061-201-865	Sequence 865, App
C 400	12.2	17	1	US-09-780-533A-459	Sequence 459, App	C 473	12.2	1.0	17	1	US-10-061-201-992	Sequence 992, App
C 401	12.2	17	1	US-09-780-533A-521	Sequence 521, App	C 474	12.2	1.0	17	1	US-10-061-201-1589	Sequence 1589, App
C 402	12.2	17	1	US-09-780-533A-598	Sequence 598, App	C 475	12.2	1.0	17	1	US-10-241-780-110	Sequence 110, App
C 403	12.2	17	1	US-09-780-533A-640	Sequence 640, App	C 476	12.2	1.0	17	1	US-10-339-782-148	Sequence 148, App
C 404	12.2	17	1	US-09-780-533A-662	Sequence 662, App	C 477	12.2	1.0	17	1	US-10-339-782-296	Sequence 296, App
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C 406	12.2	17	1	US-09-780-533A-1691	Sequence 1691, App	C 479	12.2	1.0	17	1	US-09-817-879-507	Sequence 507, App
C 407	12.2	17	1	US-09-780-533A-1862	Sequence 1862, App	C 480	12.2	1.0	17	1	US-10-305-765-18	Sequence 18, App
C 408	12.2	17	1	US-09-780-533A-2041	Sequence 2041, App	C 481	12.2	1.0	17	1	US-10-305-633-18	Sequence 18, App
C 409	12.2	17	1	US-09-780-533A-2250	Sequence 2250, App	C 482	12.2	1.0	17	1	US-10-210-006-1702	Sequence 1702, App
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C 412	12.2	17	1	US-09-877-478-509	Sequence 509, App	C 485	12.2	1.0	17	1	US-10-209-787-564	Sequence 564, App
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C 415	12.2	17	1	US-09-877-478-1779	Sequence 1779, App	C 488	12.2	1.0	17	1	US-10-209-787-1723	Sequence 1723, App
C 416	12.2	17	1	US-09-877-478-1851	Sequence 1851, App	C 489	12.2	1.0	17	1	US-10-209-787-1724	Sequence 1724, App
C 417	12.2	17	1	US-09-877-478-1915	Sequence 1915, App	C 490	12.2	1.0	17	1	US-10-209-787-2158	Sequence 2158, App
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C 419	12.2	17	1	US-09-848-754A-265	Sequence 265, App	C 492	12.2	1.0	17	1	US-10-209-787-2438	Sequence 2438, App
C 420	12.2	17	1	US-09-848-754A-775	Sequence 775, App	C 493	12.2	1.0	17	1	US-10-209-787-2439	Sequence 2439, App
C 421	12.2	17	1	US-09-848-754A-2525	Sequence 2525, App	C 494	12.2	1.0	17	1	US-10-209-787-2442	Sequence 2442, App
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C 425	12.2	17	1	US-09-943-983-84	Sequence 84, App	C 498	12.2	1.0	17	1	US-10-209-787-2542	Sequence 2542, App
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C 428	12.2	17	1	US-09-930-423-47	Sequence 47, App	C 501	12.2	1.0	17	1	US-10-209-787-4187	Sequence 4187, App
C 429	12.2	17	1	US-09-930-423-605	Sequence 605, App	C 502	12.2	1.0	17	1	US-10-105-481-22	Sequence 22, App
C 430	12.2	17	1	US-09-930-423-1272	Sequence 1272, App	C 503	12.2	1.0	17	1	US-10-105-481-25	Sequence 25, App
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C 433	12.2	17	1	US-09-780-164-763	Sequence 763, App	C 506	12.2	1.0	17	1	US-10-060-756A-1174	Sequence 1174, App
C 434	12.2	17	1	US-09-780-164-844	Sequence 844, App	C 507	12.2	1.0	17	1	US-10-060-756A-1175	Sequence 1175, App
C 435	12.2	17	1	US-09-780-164-907	Sequence 907, App	C 508	12.2	1.0	17	1	US-10-060-756A-1304	Sequence 1304, App
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C 437	12.2	17	1	US-09-740-332-55	Sequence 55, App	C 510	12.2	1.0	17	1	US-10-060-756A-4275	Sequence 4275, App
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C 439	12.2	17	1	US-09-745-237A-47	Sequence 47, App	C 512	12.2	1.0	17	1	US-10-043-875-66	Sequence 66, App
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C 441	12.2	17	1	US-09-745-237A-1272	Sequence 1272, App	C 514	12.2	1.0	17	1	US-10-043-875-865	Sequence 865, App
C 442	12.2	17	1	US-09-745-237A-1654	Sequence 1654, App	C 515	12.2	1.0	17	1	US-10-011-771B-6	Sequence 6, App
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C 450	12.2	17	1	US-10-238-700-707	Sequence 207, App	C 523	12.2	1.0	17	1	US-10-060-998-507	Sequence 507, App
C 451	12.2	17	1	US-10-238-700-429	Sequence 429, App	C 524	12.2	1.0	17	1	US-10-163-552-559	Sequence 559, App
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C 470	12.2	17	1	US-10-238-700-3376	Sequence 3376, App	C 543	12.2	1.0	18	1	US-09-263-959-966	Sequence 966, App
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545	12.2	1.0	1	US-09-263-359-754	Sequence 754, App	618	12	1.0	15	1	US-09-978-665A-556	Sequence 556, App
546	12.2	1.0	20	US-09-882-845A-309	Sequence 309, App	619	12	1.0	15	1	US-09-978-802A-556	Sequence 556, App
547	12.2	1.0	20	US-09-752-983-239	Sequence 239, App	620	12	1.0	15	1	US-10-013-324A-556	Sequence 556, App
548	12.2	1.0	20	US-10-005-344-239	Sequence 239, App	621	12	1.0	15	1	US-10-020-445A-556	Sequence 556, App
549	12.2	1.0	20	US-10-024-396-76	Sequence 76, Appl	622	12	1.0	15	1	US-10-017-084A-556	Sequence 556, App
550	12.2	1.0	21	US-10-117-955B-3	Sequence 3, Appl	623	12	1.0	15	1	US-10-017-085A-556	Sequence 556, App
551	12.2	1.0	35	US-09-864-636A-1130	Sequence 1130, App	624	12	1.0	15	1	US-10-013-916A-556	Sequence 556, App
552	12.2	1.0	35	US-09-864-636A-1153	Sequence 1153, App	625	12	1.0	15	1	US-10-143-026B-556	Sequence 556, App
553	12.2	1.0	35	US-09-864-636A-1158	Sequence 1158, App	626	12	1.0	15	1	US-10-160-401-10	Sequence 10, Appl
554	12.2	1.0	35	US-09-864-636A-1163	Sequence 1163, App	627	12	1.0	15	1	US-10-013-918A-556	Sequence 556, App
555	12.2	1.0	35	US-10-084-839-1130	Sequence 1130, App	628	12	1.0	15	1	US-10-013-923A-556	Sequence 556, App
556	12.2	1.0	35	US-10-084-839-1133	Sequence 1133, App	629	12	1.0	15	1	US-10-013-925A-556	Sequence 556, App
557	12.2	1.0	35	US-10-084-839-1158	Sequence 1158, App	630	12	1.0	15	1	US-10-013-927A-556	Sequence 556, App
558	12.2	1.0	35	US-10-084-839-1163	Sequence 1163, App	631	12	1.0	15	1	US-10-013-928A-556	Sequence 556, App
559	12	1.0	12	US-09-757-049A-30	Sequence 30, Appl	632	12	1.0	15	1	US-10-162-522A-556	Sequence 556, App
560	12	1.0	12	US-09-263-359-617	Sequence 617, App	633	12	1.0	15	1	US-10-017-081A-556	Sequence 556, App
561	12	1.0	12	US-09-263-359-666	Sequence 666, App	634	12	1.0	15	1	US-10-167-749-556	Sequence 556, App
562	12	1.0	12	US-09-263-359-692	Sequence 692, App	635	12	1.0	15	1	US-10-013-921A-556	Sequence 556, App
563	12	1.0	12	US-09-263-359-799	Sequence 799, App	636	12	1.0	15	1	US-10-013-929A-556	Sequence 556, App
564	12	1.0	12	US-09-263-359-814	Sequence 814, App	637	12	1.0	15	1	US-10-016-177A-556	Sequence 556, App
565	12	1.0	12	US-09-263-359-829	Sequence 829, App	638	12	1.0	15	1	US-10-287-919-1192	Sequence 1192, App
566	12	1.0	12	US-10-091-281-90	Sequence 90, Appl	639	12	1.0	15	1	US-10-287-919-1476	Sequence 1476, App
567	12	1.0	15	US-09-978-295A-556	Sequence 556, App	640	12	1.0	15	1	US-10-287-919-1491	Sequence 1491, App
568	12	1.0	15	US-09-978-697-556	Sequence 556, App	641	12	1.0	15	1	US-10-287-919-2242	Sequence 2242, App
569	12	1.0	15	US-09-978-192A-556	Sequence 556, App	642	12	1.0	15	1	US-10-166-708A-556	Sequence 556, App
570	12	1.0	15	US-09-978-564A-556	Sequence 556, App	643	12	1.0	16	1	US-09-861-787-3	Sequence 3, Appl
571	12	1.0	15	US-09-978-189-556	Sequence 556, App	644	12	1.0	16	1	US-10-287-919-1964	Sequence 1964, App
572	12	1.0	15	US-09-978-608A-556	Sequence 556, App	645	12	1.0	16	1	US-10-331-873-26	Sequence 26, Appl
573	12	1.0	15	US-09-978-585A-556	Sequence 556, App	646	12	1.0	17	1	US-10-238-700-1174	Sequence 1174, App
574	12	1.0	15	US-09-978-191A-556	Sequence 556, App	647	12	1.0	17	1	US-09-866-108-7597	Sequence 7597, App
575	12	1.0	15	US-09-978-403A-556	Sequence 556, App	648	12	1.0	17	1	US-09-866-108-7605	Sequence 7605, App
576	12	1.0	15	US-09-978-978A-556	Sequence 556, App	649	12	1.0	17	1	US-09-827-998-327	Sequence 327, App
577	12	1.0	15	US-09-978-333A-556	Sequence 556, App	650	12	1.0	17	1	US-09-827-998-328	Sequence 328, App
578	12	1.0	15	US-09-978-333A-556	Sequence 556, App	651	12	1.0	17	1	US-09-827-998-329	Sequence 329, App
579	12	1.0	15	US-09-978-824-556	Sequence 556, App	652	12	1.0	17	1	US-09-827-998-330	Sequence 330, App
580	12	1.0	15	US-09-918-585A-556	Sequence 556, App	653	12	1.0	17	1	US-09-827-998-331	Sequence 331, App
581	12	1.0	15	US-09-978-423A-556	Sequence 556, App	654	12	1.0	17	1	US-09-827-998-332	Sequence 332, App
582	12	1.0	15	US-09-978-193A-556	Sequence 556, App	655	12	1.0	17	1	US-09-818-875-651	Sequence 651, App
583	12	1.0	15	US-09-999-820A-556	Sequence 556, App	656	12	1.0	17	1	US-09-818-875-652	Sequence 652, App
584	12	1.0	15	US-09-978-757A-556	Sequence 556, App	657	12	1.0	17	1	US-09-818-875-1934	Sequence 1934, App
585	12	1.0	15	US-09-978-187B-556	Sequence 556, App	658	12	1.0	17	1	US-09-818-875-1935	Sequence 1935, App
586	12	1.0	15	US-09-978-643A-556	Sequence 556, App	659	12	1.0	17	1	US-09-780-533A-118	Sequence 118, App
587	12	1.0	15	US-09-978-375A-556	Sequence 556, App	660	12	1.0	17	1	US-09-780-533A-119	Sequence 119, App
588	12	1.0	15	US-09-978-188A-556	Sequence 556, App	661	12	1.0	17	1	US-09-780-533A-120	Sequence 120, App
589	12	1.0	15	US-09-978-298A-556	Sequence 556, App	662	12	1.0	17	1	US-09-780-533A-237	Sequence 237, App
590	12	1.0	15	US-10-143-031A-556	Sequence 556, App	663	12	1.0	17	1	US-09-780-533A-431	Sequence 431, App
591	12	1.0	15	US-10-002-367A-556	Sequence 556, App	664	12	1.0	17	1	US-09-780-533A-432	Sequence 432, App
592	12	1.0	15	US-10-143-030A-556	Sequence 556, App	665	12	1.0	17	1	US-09-780-533A-433	Sequence 433, App
593	12	1.0	15	US-10-143-030A-556	Sequence 556, App	666	12	1.0	17	1	US-09-780-533A-1300	Sequence 1300, App
594	12	1.0	15	US-10-145-128A-556	Sequence 556, App	667	12	1.0	17	1	US-09-780-533A-2126	Sequence 2126, App
595	12	1.0	15	US-10-171-191A-556	Sequence 556, App	668	12	1.0	17	1	US-09-780-533A-2172	Sequence 2172, App
596	12	1.0	15	US-10-279-061-50	Sequence 50, Appl	669	12	1.0	17	1	US-09-780-533A-2513	Sequence 2513, App
597	12	1.0	15	US-10-143-028A-556	Sequence 556, App	670	12	1.0	17	1	US-09-848-754A-196	Sequence 196, App
598	12	1.0	15	US-10-143-029A-556	Sequence 556, App	671	12	1.0	17	1	US-09-848-754A-197	Sequence 197, App
599	12	1.0	15	US-10-145-089A-556	Sequence 556, App	672	12	1.0	17	1	US-09-848-754A-513	Sequence 513, App
600	12	1.0	15	US-10-013-926A-556	Sequence 556, App	673	12	1.0	17	1	US-09-848-754A-713	Sequence 713, App
601	12	1.0	15	US-10-145-017A-556	Sequence 556, App	674	12	1.0	17	1	US-09-740-332-2123	Sequence 2123, App
602	12	1.0	15	US-10-164-728A-556	Sequence 556, App	675	12	1.0	17	1	US-09-740-332-2124	Sequence 2124, App
603	12	1.0	15	US-10-165-067A-556	Sequence 556, App	676	12	1.0	17	1	US-09-740-332-2432	Sequence 2432, App
604	12	1.0	15	US-10-091-281-89	Sequence 89, Appl	677	12	1.0	17	1	US-09-792-818-288	Sequence 288, App
605	12	1.0	15	US-10-145-124A-556	Sequence 556, App	678	12	1.0	17	1	US-09-792-818-688	Sequence 688, App
606	12	1.0	15	US-10-160-502A-556	Sequence 556, App	679	12	1.0	17	1	US-10-238-700-105	Sequence 105, App
607	12	1.0	15	US-10-165-247A-556	Sequence 556, App	680	12	1.0	17	1	US-10-238-700-106	Sequence 106, App
608	12	1.0	15	US-09-978-194A-556	Sequence 556, App	681	12	1.0	17	1	US-10-238-700-1175	Sequence 1175, App
609	12	1.0	15	US-09-978-681A-556	Sequence 556, App	682	12	1.0	17	1	US-10-238-700-1293	Sequence 1293, App
610	12	1.0	15	US-09-999-829A-556	Sequence 556, App	683	12	1.0	17	1	US-10-238-700-1314	Sequence 1314, App
611	12	1.0	15	US-10-013-922A-556	Sequence 556, App	684	12	1.0	17	1	US-09-817-879-2123	Sequence 2123, App
612	12	1.0	15	US-10-017-086A-556	Sequence 556, App	685	12	1.0	17	1	US-09-817-879-2124	Sequence 2124, App
613	12	1.0	15	US-10-145-089A-556	Sequence 556, App	686	12	1.0	17	1	US-09-817-879-2432	Sequence 2432, App
614	12	1.0	15	US-10-164-829A-556	Sequence 556, App	687	12	1.0	17	1	US-10-091-281-130	Sequence 130, App
615	12	1.0	15	US-09-978-299A-556	Sequence 556, App	688	12	1.0	17	1	US-10-209-787-651	Sequence 651, App
616	12	1.0	15	US-09-978-299A-556	Sequence 556, App	689	12	1.0	17	1	US-10-209-787-652	Sequence 652, App
617	12	1.0	15	US-09-978-544A-556	Sequence 556, App	690	12	1.0	17	1	US-10-209-787-1934	Sequence 1934, App

CURRENT APPLICATION NUMBER: US/09/864,636A

CURRENT FILING DATE: 2002-10-15

NUMBER OF SEQ ID NOS: 2640

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1138

LENGTH: 42

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic

S-09-864-636A-1138

Query Match 3.3%; Score 41; DB 1; Length 42;

Best Local Similarity 100.0%; Pred. No. 0.019;

Matches 41; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 702 GCCAAGAGAAATCCGAACCTTTAATTCAGGAATTGAATGG 742

b 41 GCCAAGAGAAATCCGAACCTTTAATTCAGGAATTGAATGG 1

RESULT 4

S-10-084-839-1138/c

Sequence 1138, Application US/10084839

Publication No. US20030186238A1

GENERAL INFORMATION:

APPLICANT: Third Wave Technologies

APPLICANT: Allawi, Hatim

APPLICANT: Argue, Brad T.

APPLICANT: Bartholomay, Christian T.

APPLICANT: Chehak, Lukane

APPLICANT: Curtis, Michelle L.

APPLICANT: Eis, Peggy S.

APPLICANT: Hall, Jeff G.

APPLICANT: Ip, Hon S.

APPLICANT: Ji, Lin

APPLICANT: Kaiser, Michael

APPLICANT: Kwiatkowski, Jr., Robert W.

APPLICANT: Lukowiak, Andrew A.

APPLICANT: Lyamachev, Victor

APPLICANT: Ma, WuPo

APPLICANT: Neri, Bruce P.

APPLICANT: Olson-Munoz, Marilyn C.

APPLICANT: Schaefer, James J.

APPLICANT: Skrzypczynski, Zbigniew

APPLICANT: Takova, Tsatska Y.

APPLICANT: Thompson, Lisa C.

APPLICANT: Vedvik, Kevin L.

FILE REFERENCE: RNA Detection Assays

FILE REFERENCE: FORS-06666

CURRENT APPLICATION NUMBER: US/10/084,839

CURRENT FILING DATE: 2002-02-26

NUMBER OF SEQ ID NOS: 4004

SOFTWARE: PatentIn version 3.1

SEQ ID NO 1138

LENGTH: 42

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic

S-10-084-839-1138

Query Match 3.3%; Score 41; DB 1; Length 42;

Best Local Similarity 100.0%; Pred. No. 0.019;

Matches 41; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 702 GCCAAGAGAAATCCGAACCTTTAATTCAGGAATTGAATGG 742

b 41 GCCAAGAGAAATCCGAACCTTTAATTCAGGAATTGAATGG 1

RESULT 5

US-09-864-636A-1147/c

Sequence 1147, Application US/09864636A

Publication No. US20030104378A1

GENERAL INFORMATION:

APPLICANT: Third Wave Technologies

APPLICANT: Allawi, Hatim

APPLICANT: Bartholomay, Christian

APPLICANT: Chehak, Lukane

FILE REFERENCE: Detection of RNA Sequences

FILE REFERENCE: FORS-04944

CURRENT APPLICATION NUMBER: US/09/864,636A

CURRENT FILING DATE: 2002-10-15

NUMBER OF SEQ ID NOS: 2640

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1147

LENGTH: 37

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic

US-09-864-636A-1147

Query Match 2.9%; Score 36; DB 1; Length 37;

Best Local Similarity 100.0%; Pred. No. 0.12;

Matches 36; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 708 AGAATATCCGAACCTTTAATTCAGGAATTGAATGG 743

Db 36 AGAATATCCGAACCTTTAATTCAGGAATTGAATGG 1

RESULT 6

US-09-864-636A-1148/c

Sequence 1148, Application US/09864636A

Publication No. US20030104378A1

GENERAL INFORMATION:

APPLICANT: Third Wave Technologies

APPLICANT: Allawi, Hatim

APPLICANT: Bartholomay, Christian

APPLICANT: Chehak, Lukane

FILE REFERENCE: Detection of RNA Sequences

FILE REFERENCE: FORS-04944

CURRENT APPLICATION NUMBER: US/09/864,636A

CURRENT FILING DATE: 2002-10-15

NUMBER OF SEQ ID NOS: 2640

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1148

LENGTH: 37

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic

US-09-864-636A-1148

Query Match 2.9%; Score 36; DB 1; Length 37;

Best Local Similarity 100.0%; Pred. No. 0.12;

Matches 36; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 708 AGAATATCCGAACCTTTAATTCAGGAATTGAATGG 743

Db 36 AGAATATCCGAACCTTTAATTCAGGAATTGAATGG 1

RESULT 7

US-10-084-839-1147/c

Sequence 1147, Application US/10084839

Publication No. US20030186238A1

GENERAL INFORMATION:

APPLICANT: Third Wave Technologies

APPLICANT: Allawi, Hatim

APPLICANT: Argue, Brad T.

APPLICANT: Bartholomay, Christian T.

APPLICANT: Chehak, LuAnne
APPLICANT: Curtis, Michelle L.
APPLICANT: Eis, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.
APPLICANT: Ji, Lin
APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Lukowiak, Andrew A.
APPLICANT: Lyamichev, Victor
APPLICANT: Lyamacheva, Natalie E.
APPLICANT: Ma, WuPo
APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Tssetska Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1147
LENGTH: 37
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-084-839-1147

Query Match 2.9%; Score 36; DB 1; Length 37;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 36; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 708 AGAATATCCGAACCTTTAATTTTCAGGAATTCGAATGGG 743
DB 36 AGAATATCCGAACCTTTAATTTTCAGGAATTCGAATGGG 1

RESULT 8
US-10-084-839-1148/c
Sequence 1148, Application US/10084839
Publication No. US20030186238A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allawi, Hatim
APPLICANT: Argue, Brad T.
APPLICANT: Bartholomay, Christian T.
APPLICANT: Chehak, LuAnne
APPLICANT: Curtis, Michelle L.
APPLICANT: Eis, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.
APPLICANT: Ji, Lin
APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Lukowiak, Andrew A.
APPLICANT: Lyamichev, Victor
APPLICANT: Lyamacheva, Natalie E.
APPLICANT: Ma, WuPo
APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Tssetska Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays

FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1148
LENGTH: 37
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-084-839-1148

Query Match 2.9%; Score 36; DB 1; Length 37;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 36; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 708 AGAATATCCGAACCTTTAATTTTCAGGAATTCGAATGGG 743
DB 36 AGAATATCCGAACCTTTAATTTTCAGGAATTCGAATGGG 1

RESULT 9
US-09-864-636A-1130/c
Sequence 1130, Application US/09864636A
Publication No. US20030104378A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allawi, Hatim
APPLICANT: Bartholomay, Christian
APPLICANT: Chehak, LuAnne
TITLE OF INVENTION: Detection of RNA Sequences
FILE REFERENCE: FORS-04944
CURRENT APPLICATION NUMBER: US/09/864,636A
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1130
LENGTH: 35
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-864-636A-1130

Query Match 2.7%; Score 34; DB 1; Length 35;
Best Local Similarity 100.0%; Pred. No. 0.24;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 432 CCAGTGAACCTTCAAGCAAATCTACTTCAACACT 465
DB 34 CCAGTGAACCTTCAAGCAAATCTACTTCAACACT 1

RESULT 10
US-09-864-636A-1153/c
Sequence 1153, Application US/09864636A
Publication No. US20030104378A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allawi, Hatim
APPLICANT: Bartholomay, Christian
APPLICANT: Chehak, LuAnne
TITLE OF INVENTION: Detection of RNA Sequences
FILE REFERENCE: FORS-04944
CURRENT APPLICATION NUMBER: US/09/864,636A
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1153
LENGTH: 35
TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Synthetic
S-09-864-636A-1153

Query Match 2.7%; Score 34; DB 1; Length 35;
Best Local Similarity 100.0%; Pred. No. 0.24;
Matches 34: Conservative 0; Mismatches 0; Indels

y	432	CCAGTGAACCTTCAAGCAAAATCTACTTCAACACT	465
b	34	CCAGTGAACCTTCAAGCAAAATCTACTTCAACACT	1

RESULT 11
 S-09-864-636A-1159/c
 Sequence 1158, Application US/09864636A
 Publication No. US20030104378A1
 GENERAL INFORMATION:
 APPLICANT: Third Wave Technologies
 APPLICANT: Allwai, Hatim
 APPLICANT: Bartholomay, Christian
 APPLICANT: Chebak, LuAnne
 TITLE OF INVENTION: Detection of RNA Sequences
 FILE REFERENCE: FORS-04944
 CURRENT APPLICATION NUMBER: US/09/864,636A
 CURRENT FILING DATE: 2002-10-15
 NUMBER OF SEQ ID NOS: 2640
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 1158
 LENGTH: 35
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic
 S-09-864-636A-1158

Query Match 2.7%; Score 34; DB 1; Length 35;
Best Local Similarity 100.0%; Pred. No. 0.24;
Matches 34: Conservative 0; Mismatches 0; Indels

y
432 CCAGTGAACTTCGAGCAATCTACTTCAACACT 465

b
34 CCAGTGAACTTCGAGCAATCTACTTCAACACT 1

RESULT 12
 S-09-864-636A-1163/C
 Sequence 1163, Application US/09864636A
 Publication No. US20030104378A1
 GENERAL INFORMATION:
 APPLICANT: Third Wave Technologies
 APPLICANT: Aliwal, Hatim
 APPLICANT: Bartholomay, Christian
 APPLICANT: Chehak, LuAnne
 TITLE OF INVENTION: Detection of RNA Sequences
 FILE REFERENCE: PORS-04944
 CURRENT APPLICATION NUMBER: US/09/864,636A
 CURRENT FILING DATE: 2002-10-15
 NUMBER OF SEQ ID NOS: 2640
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 1163
 LENGTH: 35
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic
 S-09-864-636A-1163

Query Match 2.7%; Score 34; DB 1; Length 35;
Best Local Similarity 100.0%; Pred. No. 0.24;
Matches 34; Conservative 0; Mismatches 0; Indels

Y 432 CCAGTGAAACTTCAAGCAAATCTACTTCAACACT 465

Db
34 CCAGTGAACCTCAAGCAAATCTACTTCAACT 1

RESULT 13
US-10-084-839-1130/c
; Sequence 1130, Application US/10084839
; Publication No. US20030196239A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichiev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Teesaka Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06566
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1130
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1130

Query Match	2.7%	Score 34;	DB 1;	Length 35;
Best Local Similarity	100.0%;	Pred. No. 0.24;		
Matches	34:	Conservative	0:	Mismatches
			0:	Indels
			0:	Gaps
			0:	

QY 432 CCAGTGAAACTTCAGGCAAAATCTACTTGAACACT 465
|||||
Db 24 CCGATGCAATATTCCAGCAAGCAATATCTACTTGAACACT 1

```

RESULT 14
US-10-084-839-1153/c
: Sequence 1153, Application US/10084839
: Publication No. US20030186238A1
:
: GENERAL INFORMATION:
: APPLICANT: Third Wave Technologies
: APPLICANT: Allawi, Brad T.
: APPLICANT: Argue, Brad T.
: APPLICANT: Bartholomay, Christian T.
: APPLICANT: Chehak, LuAnne
: APPLICANT: Curtis, Michelle L.
: APPLICANT: Ejs, Peggy S.
: APPLICANT: Hall, Jeff G.
: APPLICANT: Ip, Hon S.
: APPLICANT: Ji, Lin
: APPLICANT: Kaiser, Michael
: APPLICANT: Kwiatkowski, Jr., Robert W.

```

```
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichiev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; APPLICANT: Hall, Jeff G.
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1153
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1153

Query Match          2.7%; Score 34; DB 1; Length 35;
Best Local Similarity 100.0%; Pred. No. 0.24;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 432 CCAGTGAACCTTCAAGCAAAATCTACTTCAACACT 465
DB 34 CCAGTGAACCTTCAAGCAAAATCTACTTCAACACT 1

RESULT 15
US-10-084-839-1158/c
; Sequence 1158, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichiev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1153
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1153

Query Match          2.7%; Score 34; DB 1; Length 35;
Best Local Similarity 100.0%; Pred. No. 0.24;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 432 CCAGTGAACCTTCAAGCAAAATCTACTTCAACACT 465
DB 34 CCAGTGAACCTTCAAGCAAAATCTACTTCAACACT 1
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1158

Query Match          2.7%; Score 34; DB 1; Length 35;
Best Local Similarity 100.0%; Pred. No. 0.24;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 432 CCAGTGAACCTTCAAGCAAAATCTACTTCAACACT 465
DB 34 CCAGTGAACCTTCAAGCAAAATCTACTTCAACACT 1

RESULT 16
US-10-084-839-1163/c
; Sequence 1163, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichiev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1163
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1163

Query Match          2.7%; Score 34; DB 1; Length 35;
Best Local Similarity 100.0%; Pred. No. 0.24;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 432 CCAGTGAACCTTCAAGCAAAATCTACTTCAACACT 465
DB 34 CCAGTGAACCTTCAAGCAAAATCTACTTCAACACT 1

RESULT 17
US-09-864-636A-1139/c
; Sequence 1139, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
```

APPLICANT: Bartholomay, Christian
 APPLICANT: Chehak, LuAnne
 TITLE OF INVENTION: Detection of RNA Sequences
 FILE REFERENCE: FORS-04944
 CURRENT APPLICATION NUMBER: US/09/864,636A
 CURRENT FILING DATE: 2002-10-15
 NUMBER OF SEQ ID NOS: 2640
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 1139
 LENGTH: 32
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic
 S-09-864-636A-1139

Query Match 2.5%; Score 31; DB 1; Length 32;
 Best Local Similarity 100.0%; Pred. No. 0.7;
 Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 702 GCCAAGAGATATCCGAACCTTTAAATTCAGG 732
 |||||
 b 31 GCCAAGAGATATCCGAACCTTTAAATTCAGG 1

RESULT 18
 S-09-864-636A-1140/c
 Sequence 1140, Application US/09864636A
 Publication No. US20030104378A1
 GENERAL INFORMATION:
 APPLICANT: Third Wave Technologies
 APPLICANT: Allawi, Hatim
 APPLICANT: Bartholomay, Christian
 APPLICANT: Chehak, LuAnne
 TITLE OF INVENTION: Detection of RNA Sequences
 FILE REFERENCE: FORS-04944
 CURRENT APPLICATION NUMBER: US/09/864,636A
 CURRENT FILING DATE: 2002-10-15
 NUMBER OF SEQ ID NOS: 2640
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 1140
 LENGTH: 32
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic
 S-09-864-636A-1140

Query Match 2.5%; Score 31; DB 1; Length 32;
 Best Local Similarity 100.0%; Pred. No. 0.7;
 Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 702 GCCAAGAGATATCCGAACCTTTAAATTCAGG 732
 |||||
 b 31 GCCAAGAGATATCCGAACCTTTAAATTCAGG 1

RESULT 19
 S-10-084-839-1139/c
 Sequence 1139, Application US/10084839
 Publication No. US20030186238A1
 GENERAL INFORMATION:
 APPLICANT: Third Wave Technologies
 APPLICANT: Allawi, Hatim
 APPLICANT: Argue, Brad T.
 APPLICANT: Bartholomay, Christian T.
 APPLICANT: Chehak, LuAnne
 APPLICANT: Curtis, Michelle L.
 APPLICANT: Eis, Peggy S.
 APPLICANT: Hall, Jeff G.
 APPLICANT: Ip, Hon S.
 APPLICANT: Ji, Lin
 APPLICANT: Kaiser, Michael

APPLICANT: Kwiatkowski, Jr., Robert W.
 APPLICANT: Lukowiak, Andrew A.
 APPLICANT: Lyamichiev, Victor
 APPLICANT: Lyamacheva, Natalie E.
 APPLICANT: Ma, Wupo
 APPLICANT: Neri, Bruce P.
 APPLICANT: Olson, Sarah M.
 APPLICANT: Olson-Munoz, Marilyn C.
 APPLICANT: Schaefer, James J.
 APPLICANT: Skrzypczynski, Zbigniew
 APPLICANT: Takova, Tsetska Y.
 APPLICANT: Thompson, Lisa C.
 APPLICANT: Vedvik, Kevin L.
 TITLE OF INVENTION: RNA Detection Assays
 FILE REFERENCE: FORS-06666
 CURRENT APPLICATION NUMBER: US/10/084,839
 CURRENT FILING DATE: 2002-02-26
 NUMBER OF SEQ ID NOS: 4004
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 1139
 LENGTH: 32
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic
 US-10-084-839-1139

Query Match 2.5%; Score 31; DB 1; Length 32;
 Best Local Similarity 100.0%; Pred. No. 0.7;
 Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 702 GCCAAGAGATATCCGAACCTTTAAATTCAGG 732
 |||||
 Db 31 GCCAAGAGATATCCGAACCTTTAAATTCAGG 1

RESULT 20
 US-10-084-839-1140/c
 Sequence 1140, Application US/10084839
 Publication No. US20030186238A1
 GENERAL INFORMATION:
 APPLICANT: Third Wave Technologies
 APPLICANT: Allawi, Hatim
 APPLICANT: Argue, Brad T.
 APPLICANT: Bartholomay, Christian T.
 APPLICANT: Chehak, LuAnne
 APPLICANT: Curtis, Michelle L.
 APPLICANT: Eis, Peggy S.
 APPLICANT: Hall, Jeff G.
 APPLICANT: Ip, Hon S.
 APPLICANT: Ji, Lin
 APPLICANT: Kaiser, Michael
 APPLICANT: Kwiatkowski, Jr., Robert W.
 APPLICANT: Lukowiak, Andrew A.
 APPLICANT: Lyamichiev, Victor
 APPLICANT: Lyamacheva, Natalie E.
 APPLICANT: Ma, Wupo
 APPLICANT: Neri, Bruce P.
 APPLICANT: Olson, Sarah M.
 APPLICANT: Olson-Munoz, Marilyn C.
 APPLICANT: Schaefer, James J.
 APPLICANT: Skrzypczynski, Zbigniew
 APPLICANT: Takova, Tsetska Y.
 APPLICANT: Thompson, Lisa C.
 APPLICANT: Vedvik, Kevin L.
 TITLE OF INVENTION: RNA Detection Assays
 FILE REFERENCE: FORS-06666
 CURRENT APPLICATION NUMBER: US/10/084,839
 CURRENT FILING DATE: 2002-02-26
 NUMBER OF SEQ ID NOS: 4004
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 1140
 LENGTH: 32

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1140

Query Match          2.5%; Score 31; DB 1; Length 32;
Best Local Similarity 100.0%; Pred. No. 0.7;
Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2y 702 GCCAAGAGAAATCCGAACCTTAATTTTCAGG 732
Db 31 GCCAAGAGAAATCCGAACCTTAATTTTCAGG 1

RESULT 21
US-09-882-945A-305/c
; Sequence 305, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 305
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-882-945A-305

Query Match          2.4%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 0.97;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1165 ATGATGTTTATTAGATAAAATTTCAATCAG 1194
Db 30 ATGATGTTTATTAGATAAAATTTCAATCAG 1

RESULT 22
US-09-885-441-31/c
; Sequence 31, Application US/09885441
; Patent No. US20020146407A1
; GENERAL INFORMATION:
; APPLICANT: Xiao, Yonghong
; TITLE OF INVENTION: Regulation of Human Eosinophil Serine
; FILE REFERENCE: 04974.00512
; CURRENT APPLICATION NUMBER: US/09/885,441
; CURRENT FILING DATE: 2001-06-21
; PRIOR APPLICATION NUMBER: US 60/212,844
; PRIOR FILING DATE: 2000-06-21
; PRIOR APPLICATION NUMBER: US 60/244,171
; PRIOR FILING DATE: 2000-10-31
; PRIOR APPLICATION NUMBER: US 60/279,766
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: PCT/
; PRIOR FILING DATE: 2001-06-20
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatSeq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens

US-09-885-441-31

Query Match          2.0%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.6;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 888 TGTTCCTCTGTGCTTGTGTTTCTCC 912
Db 25 TGTTCCTCTGTGCTTGTGTTTCTCC 1

RESULT 23
US-09-975-408-72/c
; Sequence 72, Application US/09975408
; Patent No. US20020150917A1
; GENERAL INFORMATION:
; APPLICANT: Nanogen, Inc.
; APPLICANT: Weidenhammer, Elaine M.
; APPLICANT: Xu, Xiao
; APPLICANT: Kahl, Brenda F.
; TITLE OF INVENTION: IMPROVED METHODS FOR GENE EXPRESSION MONITORING ON ELECTRONIC MI
; FILE REFERENCE: 267/174 Patrick S. Bagleman
; CURRENT APPLICATION NUMBER: US/09/975,408
; CURRENT FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: 09/710,200
; PRIOR FILING DATE: 2000-11-09
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 72
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-975-408-72

Query Match          1.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 7.8;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 475 GGTGGGTCTGTGTAGGGTTGCC 498
Db 24 GGTGGGTCTGTGTAGGGTTGCC 1

RESULT 24
US-09-864-636A-1159/c
; Sequence 1159, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chenak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1159
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-1159

Query Match          1.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 7.8;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 394 AATTCATTCTCTGTGTTATCCCAAG 417
Db 24 AATTCATTCTCTGTGTTATCCCAAG 1
```

```

; SEQ ID NO 72
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-075-579-72

Query Match          1.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 7.8;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 475 GTGTGGCTCTGTCTGTAGGGTTGCC 498
DB 24 GTGTGGCTCTGTCTGTAGGGTTGCC 1

RESULT 27
US-09-864-636A-1154/c
; Sequence 1154, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1154
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-1154

Query Match          1.8%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 394 AATTCATTCTCTGTGGTATCCAA 416
DB 23 AATTCATTCTCTGTGGTATCCAA 1

RESULT 28
US-10-084-839-1154/c
; Sequence 1154, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczanski, Zbigniew

```

APPLICANT: Takova, Tsetskaya Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1154
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-084-839-1154

Query Match 1.8%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2y 394 AATTCATCTCTGTGATCAA 416
|||||
Db 23 AATTCATCTCTGTGATCAA 1

RESULT 29
US-09-864-636A-1131/c
Sequence 1131, Application US/09864636A
Publication No. US20030104378A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allwai, Hatim
APPLICANT: Bartholomay, Christian
APPLICANT: Chehak, LuAnne
TITLE OF INVENTION: Detection of RNA Sequences
FILE REFERENCE: FORS-04944
CURRENT APPLICATION NUMBER: US/09/864,636A
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1131
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Synthetic
US-09-864-636A-1131

Query Match 1.8%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2y 392 AAATTCATCTCTGTGATC 413
|||||
Db 22 AAATTCATCTCTGTGATC 1

RESULT 30
US-10-084-839-1131/c
Sequence 1131, Application US/10084839
Publication No. US20030186238A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allwai, Hatim
APPLICANT: Argue, Brad T.
APPLICANT: Bartholomay, Christian T.
APPLICANT: Chehak, LuAnne
APPLICANT: Curtis, Michelle L.
APPLICANT: Eis, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.
APPLICANT: Ji, Lin

APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Lukowiak, Andrew A.
APPLICANT: Lyamichev, Victor
APPLICANT: Lymaicheva, Natalie E.
APPLICANT: Ma, WuPo
APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Tsetskaya Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1131
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Synthetic
US-10-084-839-1131

Query Match 1.8%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 392 AAATTCATCTCTGTGATC 413
|||||
Db 22 AAATTCATCTCTGTGATC 1

RESULT 31
US-09-864-636A-1164/c
Sequence 1164, Application US/09864636A
Publication No. US20030104378A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allwai, Hatim
APPLICANT: Bartholomay, Christian
APPLICANT: Chehak, LuAnne
TITLE OF INVENTION: Detection of RNA Sequences
FILE REFERENCE: FORS-04944
CURRENT APPLICATION NUMBER: US/09/864,636A
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1164
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Synthetic
US-09-864-636A-1164

Query Match 1.8%; Score 22; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 391 AAAATTCATCTCTGTGAT 412
|||||
Db 22 AAAATTCATCTCTGTGAT 1

RESULT 32
US-10-084-839-1164/c
Sequence 1164, Application US/10084839
Publication No. US20030186238A1

GENERAL INFORMATION:
 APPLICANT: Third Wave Technologies
 APPLICANT: Allawi, Hatim
 APPLICANT: Argue, Brad T.
 APPLICANT: Bartholomay, Christian T.
 APPLICANT: Chehak, LuAnne
 APPLICANT: Curtis, Michelle L.
 APPLICANT: Eis, Peggy S.
 APPLICANT: Hall, Jeff G.
 APPLICANT: Ip, Hon S.
 APPLICANT: Ji, Lin
 APPLICANT: Kaiser, Michael
 APPLICANT: Kwiatkowski, Jr., Robert W.
 APPLICANT: Lakowiak, Andrew A.
 APPLICANT: Lyamichev, Victor
 APPLICANT: Lymaicheva, Natalie E.
 APPLICANT: Ma, WuPo
 APPLICANT: Neri, Bruce P.
 APPLICANT: Olson, Sarah M.
 APPLICANT: Olson-Munoz, Marilyn C.
 APPLICANT: Schaefer, James J.
 APPLICANT: Skrzypczynski, Zbigniew
 APPLICANT: Takova, Tsetska Y.
 APPLICANT: Thompson, Lisa C.
 APPLICANT: Vedvik, Kevin L.
 TITLE OF INVENTION: RNA Detection Assays
 FILE REFERENCE: FORS-06866
 CURRENT APPLICATION NUMBER: US/10/084,839
 CURRENT FILING DATE: 2002-02-26
 NUMBER OF SEQ ID NOS: 4004
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 1164
 LENGTH: 27
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic
 S-10-084-839-1164

Query Match 1.8%; Score 22; DB 1; Length 27;
 Best Local Similarity 100.0%; Pred. No. 19;
 Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 391 AAAAATCATCTCTGTGGTAT 412
 b 22 AAAAATCATCTCTGTGGTAT 1

RESULT 33
 S-09-882-945A-310
 Sequence 310, Application US/09882945A
 Publication No. US20030143535A1
 GENERAL INFORMATION:
 APPLICANT: Lyamichev, Victor
 APPLICANT: Allawi, Hatim
 APPLICANT: Dong, Fang
 APPLICANT: Neri, Bruce
 APPLICANT: Vener, Tatiana
 TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
 FILE REFERENCE: FORS-04586
 CURRENT APPLICATION NUMBER: US/09/882,945A
 CURRENT FILING DATE: 2001-06-15
 NUMBER OF SEQ ID NOS: 334
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 310
 LENGTH: 21
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic
 S-09-882-945A-310

Query Match 1.7%; Score 21; DB 1; Length 21;

Best Local Similarity 100.0%; Pred. No. 22;
 Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 717 GAATTTAATTTGAGGAATTG 737
 b 1 GAATTTAATTTGAGGAATTG 21
 RESULT 34
 US-09-882-945A-312
 Sequence 312, Application US/09882945A
 Publication No. US20030143535A1
 GENERAL INFORMATION:
 APPLICANT: Lyamichev, Victor
 APPLICANT: Allawi, Hatim
 APPLICANT: Dong, Fang
 APPLICANT: Neri, Bruce
 APPLICANT: Vener, Tatiana
 TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
 FILE REFERENCE: FORS-04586
 CURRENT APPLICATION NUMBER: US/09/882,945A
 CURRENT FILING DATE: 2001-06-15
 NUMBER OF SEQ ID NOS: 334
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 312
 LENGTH: 21
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic
 US-09-882-945A-312

Query Match 1.7%; Score 21; DB 1; Length 21;
 Best Local Similarity 100.0%; Pred. No. 22;
 Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1017 TTCAAGTGTAACCTATTAAACC 1037
 b 1 TTCAAGTGTAACCTATTAAACC 21

RESULT 35
 US-09-882-945A-309
 Sequence 309, Application US/09882945A
 Publication No. US20030143535A1
 GENERAL INFORMATION:
 APPLICANT: Lyamichev, Victor
 APPLICANT: Allawi, Hatim
 APPLICANT: Dong, Fang
 APPLICANT: Neri, Bruce
 APPLICANT: Vener, Tatiana
 TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
 FILE REFERENCE: FORS-04586
 CURRENT APPLICATION NUMBER: US/09/882,945A
 CURRENT FILING DATE: 2001-06-15
 NUMBER OF SEQ ID NOS: 334
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 309
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic
 US-09-882-945A-309

Query Match 1.6%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 30;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 557 CATTTACCATGAATATCC 576
 b 1 CATTTACCATGAATATCC 20


```
RESULT 36
US-10-305-810-47/c
; Sequence 47, Application US/10305810
; Publication No. US20030176385A1
; GENERAL INFORMATION:
; APPLICANT: Ju, Jingfang
; APPLICANT: Huang, Chunli
; APPLICANT: Zhong, Hailong
; APPLICANT: Simons, Jan Fredrik
; APPLICANT: Tailon, Bruce E.
; APPLICANT: Chant, John S.
; APPLICANT: Feyman, John A.
; APPLICANT: Smithson, Glennda
; APPLICANT: Millet, Isabelle
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN EXPRESSION
; FILE REFERENCE: 21402-501
; CURRENT APPLICATION NUMBER: US/10/305,810
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: 60/334,148
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: 60/336,572
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 09/625,634
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/192,838
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 60/194,256
; PRIOR FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/957,187
; PRIOR FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/233,798
; PRIOR FILING DATE: 2000-09-19
; PRIOR APPLICATION NUMBER: 09/970,813
; PRIOR FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: 60/182,637
; PRIOR FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 60/240,316
; PRIOR FILING DATE: 2000-10-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: IL-8-ASS
US-10-305-810-47

Query Match 1.6%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 30;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 418 AATCAGTGAAGATGCCAGTG 437
DB 20 AATCAGTGAAGATGCCAGTG 1

RESULT 37
US-09-864-636A-1132
; Sequence 1132, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1132
```

```
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-1132

Query Match 1.6%; Score 20; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 40;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 412 TCCAGAAATCAGTGAAGATG 431
DB 1 TCCAGAAATCAGTGAAGATG 20

RESULT 38
US-10-084-839-1132
; Sequence 1132, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1132
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1132

Query Match 1.6%; Score 20; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 40;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 412 TCCAGAAATCAGTGAAGATG 431
DB 1 TCCAGAAATCAGTGAAGATG 20

RESULT 39
US-09-864-636A-1133
; Sequence 1133, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
```

APPLICANT: Third Wave Technologies
APPLICANT: Allwai, Hatim
APPLICANT: Bartholomay, Christian
APPLICANT: Chehak, LuAnne
TITLE OF INVENTION: Detection of RNA Sequences
FILE REFERENCE: FORS-04944
CURRENT APPLICATION NUMBER: US/09/864,636A
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1133
LENGTH: 28
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
3-09-864-636A-1133

Query Match 1.6%; Score 20; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 43;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

412 TCACGAATCAGTGAAGATG 431
|||||
1 TCACGAATCAGTGAAGATG 20

RESULT 40
3-09-864-636A-1165
Sequence 1165, Application US/09864636A
Publication No. US20030104378A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allwai, Hatim
APPLICANT: Bartholomay, Christian
APPLICANT: Chehak, LuAnne
TITLE OF INVENTION: Detection of RNA Sequences
FILE REFERENCE: FORS-04944
CURRENT APPLICATION NUMBER: US/09/864,636A
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1165
LENGTH: 28
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
3-09-864-636A-1165

Query Match 1.6%; Score 20; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 43;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

412 TCACGAATCAGTGAAGATG 431
|||||
1 TCACGAATCAGTGAAGATG 20

RESULT 41
3-10-084-839-1133
Sequence 1133, Application US/10084839
Publication No. US20030186238A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allwai, Hatim
APPLICANT: Argue, Brad T.
APPLICANT: Bartholomay, Christian T.
APPLICANT: Chehak, LuAnne
APPLICANT: Curtis, Michelle L.
APPLICANT: Bis, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.

APPLICANT: Ji, Lin
APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Lukowiak, Andrew A.
APPLICANT: Lyamichev, Victor
APPLICANT: Lymaicheva, Natalie E.
APPLICANT: Ma, WuPo
APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Tssetka Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1133
LENGTH: 28
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-084-839-1133

Query Match 1.6%; Score 20; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 43;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 412 TCACGAATCAGTGAAGATG 431
|||||
Db 1 TCACGAATCAGTGAAGATG 20

RESULT 42
US-10-084-839-1165
Sequence 1165, Application US/10084839
Publication No. US20030186238A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allwai, Hatim
APPLICANT: Argue, Brad T.
APPLICANT: Bartholomay, Christian T.
APPLICANT: Chehak, LuAnne
APPLICANT: Curtis, Michelle L.
APPLICANT: Bis, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.
APPLICANT: Ji, Lin
APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Lukowiak, Andrew A.
APPLICANT: Lyamichev, Victor
APPLICANT: Lymaicheva, Natalie E.
APPLICANT: Ma, WuPo
APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Tssetka Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1

```

; SEQ ID NO 1165
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Synthetic
US-10-084-839-1165

Query Match      1.6%; Score 20; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 43;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 412 TCCAGATCAGTCAGATG 431
DB 1 TCCAGATCAGTCAGATG 20

RESULT 43
US-10-085-906-147/c
; Sequence 147, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Wu, Paul
; APPLICANT: Ying, Vincent
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
; FILE REFERENCE: GNN-5343CF2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 147
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-147

Query Match      1.6%; Score 19.8; DB 1; Length 28;
Best Local Similarity 91.3%; Pred. No. 47;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1040 TTATATTATTATGATTATTATTA 1062
DB 28 TTTTATTATTATTATTATTATTA 6

RESULT 44
US-09-885-441-30
; Sequence 30, Application US/09885441
; Patent No. US20020146407A1
; GENERAL INFORMATION:
; APPLICANT: Xiao, Yonghong
; TITLE OF INVENTION: Regulation of Human Eosinophil Serine
; TITLE OF INVENTION: Protease-1-Like Enzyme
; FILE REFERENCE: 04974.00512
; CURRENT APPLICATION NUMBER: US/09/885,441
; CURRENT FILING DATE: 2001-06-21
; PRIOR APPLICATION NUMBER: US 60/212,844
; PRIOR FILING DATE: 2000-06-21
; PRIOR APPLICATION NUMBER: US 60/244,171
; PRIOR FILING DATE: 2000-10-31
; PRIOR APPLICATION NUMBER: US 60/279,766
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: PCT/
; PRIOR FILING DATE: 2001-06-20
; NUMBER OF SEQ ID NOS: 58

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; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 30
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-885-441-30

Query Match      1.5%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 50;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 687 AAATTGGGCCAAGGCCAAGAGA 710
DB 1 AAATTGGGCCAAGGCCAAGAGA 24

RESULT 45
US-10-141-938-4
; Sequence 4, Application US/10141938
; Publication No. US20020132305A1
; GENERAL INFORMATION:
; APPLICANT: Li et al.
; TITLE OF INVENTION: Chemokine Alpha 3
; FILE REFERENCE: PF251D2
; CURRENT APPLICATION NUMBER: US/10/141,938
; CURRENT FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 08/816,772
; PRIOR FILING DATE: 1997-03-18
; PRIOR APPLICATION NUMBER: 60/013,615
; PRIOR FILING DATE: 1996-03-18
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURES:
; OTHER INFORMATION: Contains a BamHI restriction site
US-10-141-938-4

Query Match      1.5%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 61;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 870 CCAGATCCACAAGTCCTGTTCCTACT 896
DB 1 CCGGATCCTCAGTTCTTGTTCCTACT 27

RESULT 46
US-10-142-046-4
; Sequence 4, Application US/10142046
; Publication No. US20020150994A1
; GENERAL INFORMATION:
; APPLICANT: Li et al.
; TITLE OF INVENTION: Chemokine Alpha 3
; FILE REFERENCE: PF251D3
; CURRENT APPLICATION NUMBER: US/10/142,046
; CURRENT FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 08/816,772
; PRIOR FILING DATE: 1997-03-18
; PRIOR APPLICATION NUMBER: 60/013,615
; PRIOR FILING DATE: 1996-03-18
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURES:
; OTHER INFORMATION: Contains a BamHI restriction site
US-10-142-046-4

```

Query Match 1.5%; Score 19; DB 1; Length 27;
Best Local Similarity 81.5%; Pred. No. 61;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Y 870 CCAGGATCCACAACTCTGTTGTCACCT 896
b 1 CCGGATCCTCAGTTTCTGTTGTCACCT 27

RESULT 47

US-09-263-959-781/c
Sequence 781, Application US/09263959
Patent No. US20020150891A1

GENERAL INFORMATION:

APPLICANT: Hood, Leroy E.

APPLICANT: Rowen, Lee

APPLICANT: Koop, Ben F.

TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI

NUMBER OF SEQUENCES: 1279

CORRESPONDENCE ADDRESS:

ADDRESSEE: Seed and Berry LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: US

ZIP: 98104-7092

COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/263,959

FILING DATE: 05-MAR-1999

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Mcmasters, David D.

REGISTRATION NUMBER: 33,963

REFERENCE/DOCKET NUMBER: 920010.426C2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 781:

SEQUENCE CHARACTERISTICS:

LENGTH: 22 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

S-09-263-959-781

Query Match 1.5%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 53;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1040 TTATTATTATGATGATTTT 1061
b 22 TTATTATTATTATTATT 1

RESULT 48

S-10-098-263B-68164/c

Sequence 68164, Application US/10098263B

Publication No. US2003010410A1

GENERAL INFORMATION:

APPLICANT: Mittman, Michael

TITLE OF INVENTION: Human Microarray

FILE REFERENCE: 3118.1

CURRENT APPLICATION NUMBER: US/10/098,263B

CURRENT FILING DATE: 2003-01-08

PRIOR APPLICATION NUMBER: 60/276,759

PRIOR FILING DATE: 2001-03-16

NUMBER OF SEQ ID NOS: 131066

SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

; SEQ ID NO 68164

; LENGTH: 25

; TYPE: DNA

; ORGANISM: Homo sapien

US-10-098-263B-68164

Query Match 1.4%; Score 17.6; DB 1; Length 25;

Best Local Similarity 83.3%; Pred. No. 95;

Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1438 TTCTTGCTGCTGAACTCTGTTTA 1461

DB 24 TTCTTACGGTTCACACTTCTGTGA 1

RESULT 49

US-09-263-959-754/c

Sequence 754, Application US/09263959

Patent No. US20020150891A1

GENERAL INFORMATION:

APPLICANT: Hood, Leroy E.

APPLICANT: Rowen, Lee

APPLICANT: Koop, Ben F.

TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI

NUMBER OF SEQUENCES: 1279

CORRESPONDENCE ADDRESS:

ADDRESSEE: Seed and Berry LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: US

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/263,959

FILING DATE: 05-MAR-1999

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Mcmasters, David D.

REGISTRATION NUMBER: 33,963

REFERENCE/DOCKET NUMBER: 920010.426C2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 754:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-09-263-959-754

Query Match 1.4%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 77;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1044 TTATTATTGATTTATTTA 1062

DB 19 TTATTATTATTATTTA 1

RESULT 50

US-10-117-955B-3

Sequence 3, Application US/10117955B

Publication No. US20030199453A1

GENERAL INFORMATION:

APPLICANT: Giordano, Tony

APPLICANT: Sturgess, Michael A.

TITLE OF INVENTION: Small Molecule Inhibitors of Secretion

```
; TITLE OF INVENTION:  Of Proteins Encoded by ARE-mRNAs
; FILE REFERENCE:  50093/018002
; CURRENT APPLICATION NUMBER:  US/10/117,955B
; CURRENT FILING DATE:  2002-04-08
; PRIOR APPLICATION NUMBER:  US 60/282,974
; PRIOR FILING DATE:  2001-04-10
; NUMBER OF SEQ ID NOS:  7
; SOFTWARE:  FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH:  21
; TYPE:  RNA
; ORGANISM:  Artificial Sequence
; FEATURE:
; OTHER INFORMATION:  consensus motif
US-10-117-955B-3

Query Match          1.4%; Score 17.4; DB 1; Length 21;
Best Local Similarity 26.3%; Pred. No. 86;
Matches 5; Conservative 13; Mismatches 1; Indels 0; Gaps 0;

QY 1044 TTATTATGATTATTATTA 1062
Db 3 UUAUUUUUUUUUUUUUA 21

RESULT 51
US-09-864-636A-1141
; Sequence 1141, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT:  Third Wave Technologies
; APPLICANT:  Allwai, Hatim
; APPLICANT:  Bartholomay, Christian
; APPLICANT:  Chehak, LuAnne
; TITLE OF INVENTION:  Detection of RNA Sequences
; FILE REFERENCE:  FORS-04944
; CURRENT APPLICATION NUMBER:  US/09/864,636A
; CURRENT FILING DATE:  2002-10-15
; NUMBER OF SEQ ID NOS:  2640
; SOFTWARE:  PatentIn version 3.0
; SEQ ID NO 1141
; LENGTH:  24
; TYPE:  DNA
; ORGANISM:  Artificial Sequence
; FEATURE:
; OTHER INFORMATION:  Synthetic
US-09-864-636A-1141

Query Match          1.4%; Score 17.4; DB 1; Length 24;
Best Local Similarity 94.7%; Pred. No. 98;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 684 AGCAAAATTGGCCCAAGGG 702
Db 1 AGCAAAATTGGCCCAAGGG 19

RESULT 52
US-10-084-839-1141
; Sequence 1141, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT:  Third Wave Technologies
; APPLICANT:  Allwai, Hatim
; APPLICANT:  Argue, Brad T.
; APPLICANT:  Bartholomay, Christian T.
; APPLICANT:  Chehak, LuAnne
; APPLICANT:  Curtis, Michelle L.
; APPLICANT:  Bis, Peggy S.
; APPLICANT:  Hall, Jeff G.
; APPLICANT:  Id, Hon S.
; APPLICANT:  Ji, Lin
; APPLICANT:  Kaiser, Michael
```

```
; APPLICANT:  Kwiatkowski, Jr., Robert W.
; APPLICANT:  Lukowiak, Andrew A.
; APPLICANT:  Lyamichiev, Victor
; APPLICANT:  Lyamacheva, Natalie E.
; APPLICANT:  Ma, WuPo
; APPLICANT:  Neri, Bruce P.
; APPLICANT:  Olson, Sarah M.
; APPLICANT:  Olson-Munoz, Marilyn C.
; APPLICANT:  Schaefer, James J.
; APPLICANT:  Skrzypczynski, Zbigniew
; APPLICANT:  Takova, Teetska Y.
; APPLICANT:  Thompson, Lisa C.
; APPLICANT:  Vedvik, Kevin L.
; TITLE OF INVENTION:  RNA Detection Assays
; FILE REFERENCE:  FORS-06666
; CURRENT APPLICATION NUMBER:  US/10/084,839
; CURRENT FILING DATE:  2002-02-26
; NUMBER OF SEQ ID NOS:  4004
; SOFTWARE:  PatentIn version 3.1
; SEQ ID NO 1141
; LENGTH:  24
; TYPE:  DNA
; ORGANISM:  Artificial Sequence
; FEATURE:
; OTHER INFORMATION:  Synthetic
US-10-084-839-1141

Query Match          1.4%; Score 17.4; DB 1; Length 24;
Best Local Similarity 94.7%; Pred. No. 98;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 684 AGCAAAATTGGCCCAAGGG 702
Db 1 AGCAAAATTGGCCCAAGGG 19

RESULT 53
US-09-882-945A-308
; Sequence 308, Application US/09882945A
; Publication No. US20030149353A1
; GENERAL INFORMATION:
; APPLICANT:  Lyamichiev, Victor
; APPLICANT:  Allwai, Hatim
; APPLICANT:  Dong, Fang
; APPLICANT:  Neri, Bruce
; APPLICANT:  Vener, Tatiana
; TITLE OF INVENTION:  Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE:  FORS-04586
; CURRENT APPLICATION NUMBER:  US/09/882,945A
; CURRENT FILING DATE:  2001-06-15
; NUMBER OF SEQ ID NOS:  334
; SOFTWARE:  PatentIn version 3.0
; SEQ ID NO 308
; LENGTH:  17
; TYPE:  DNA
; ORGANISM:  Artificial Sequence
; FEATURE:
; OTHER INFORMATION:  Synthetic
US-09-882-945A-308

Query Match          1.4%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 80;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 417 GAATCAGTGAAGATGCC 433
Db 1 GAATCAGTGAAGATGCC 17

RESULT 54
US-10-159-834-65/c
; Sequence 65, Application US/10159834
; Publication No. US20030228688A1
```

GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENYLCYSTEINE CARBOXYL METHYLTRANSFERASE
FILE REFERENCE: RFS-0299
CURRENT APPLICATION NUMBER: US/10/159,834
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 130
SEQ ID NO 65
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
S-10-159-834-65

Query Match 1.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1e+02; 2; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

y 949 TACCTCACAGTGATGTGTG 968
b 20 TACCTCACAGGGGTGTGTG 1

RESULT 55
S-10-159-834-122
Sequence 122, Application US/10159834
Publication No. US20030228688A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENYLCYSTEINE CARBOXYL METHYLTRANSFERASE
FILE REFERENCE: RFS-0299
CURRENT APPLICATION NUMBER: US/10/159,834
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 130
SEQ ID NO 122
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
S-10-159-834-122

Query Match 1.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1e+02; 2; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

y 949 TACCTCACAGTGATGTGTG 968
b 1 TACCTCACAGGGGTGTGTG 20

RESULT 56
S-09-263-959-694
Sequence 694, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy B.
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

Query Match 1.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.1e+02;

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 694:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-694

Query Match 1.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.1e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1045 TATTATGTTATTATTA 1062
Db 1 TATTATGTTATTATTA 18

RESULT 57
US-09-263-959-966/c
Sequence 966, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy B.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 966:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-966

Query Match 1.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.1e+02;

```
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1045 TATTATGATTTATTTA 1062
DB 18 TATTATTTATTTATTTA 1

RESULT 58
US-10-326-587-15
; Sequence 15, Application US/10326587
; Publication No. US20030170693A1
; GENERAL INFORMATION:
; APPLICANT: Chaconas, George
; APPLICANT: Kobryn, Kerri
; APPLICANT: Tourand, Yvonne M.
; TITLE OF INVENTION: Assay for Identifying Modulators of Borrelia Telomere Resolvease
; FILE REFERENCE: 9611-33
; CURRENT APPLICATION NUMBER: US/10/326,587
; CURRENT FILING DATE: 2002-12-20
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Borrelia burgdorferi
US-10-326-587-15

Query Match 1.3%; Score 16.4; DB 1; Length 22;
Best Local Similarity 94.4%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1259 AAATAATTTTACATATA 1276
DB 1 ATATAATTTTACATATA 18

RESULT 59
US-09-923-327-146/c
; Sequence 146, Application US/09923327
; Publication No. US20030096236A1
; GENERAL INFORMATION:
; APPLICANT: MURPHY, Patricia D.
; TITLE OF INVENTION: Determining Common Functional Alleles in a Population and Uses Th
; FILE REFERENCE: 044921-5054-02
; CURRENT APPLICATION NUMBER: US/09/923,327
; CURRENT FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: US 08/598,591
; PRIOR FILING DATE: 1996-02-12
; PRIOR APPLICATION NUMBER: US 08/798,691
; PRIOR FILING DATE: 1997-02-12
; PRIOR APPLICATION NUMBER: US 08/905,772
; PRIOR FILING DATE: 1997-08-04
; PRIOR APPLICATION NUMBER: US 09/084,471
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: US 09/129,134
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: US 09/524,794
; PRIOR FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 260
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 146
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-923-327-146

Query Match 1.3%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 1.5e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 763 TGAAGCATCATCAATAAATGA 783
DB 22 TAAGAGCATATAAAATGA 2
```

```
RESULT 60
US-09-794-422-35
; Sequence 35, Application US/09794422
; Publication No. US20030166239A1
; GENERAL INFORMATION:
; APPLICANT: Brown, Thomas A.
; APPLICANT: De Wet, Jeffrey R.
; APPLICANT: Gowen, Lori C.
; APPLICANT: Hames, Lynn M.
; TITLE OF INVENTION: Mammalian Osteoregulins
; FILE REFERENCE: PC10445
; CURRENT APPLICATION NUMBER: US/09/794,422
; CURRENT FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/185,617
; PRIOR FILING DATE: 2000-02-29
; PRIOR APPLICATION NUMBER: 60/234,500
; PRIOR FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-794-422-35

Query Match 1.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 716 CCAACTTTTAAATTCAGAA 734
DB 1 CAAACTTTTAAATTCAGAA 19

RESULT 61
US-10-117-955B-4
; Sequence 4, Application US/10117955B
; Publication No. US20030199453A1
; GENERAL INFORMATION:
; APPLICANT: Giordano, Tony
; APPLICANT: Sturgess, Michael A.
; TITLE OF INVENTION: Small Molecule Inhibitors of Secretion
; TITLE OF INVENTION: of Proteins Encoded by ARB-mRNAs
; FILE REFERENCE: 50093/018002
; CURRENT APPLICATION NUMBER: US/10/117,955B
; CURRENT FILING DATE: 2002-04-08
; PRIOR APPLICATION NUMBER: US 60/282,974
; PRIOR FILING DATE: 2001-04-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus motif
US-10-117-955B-4

Query Match 1.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 29.4%; Pred. No. 1.5e+02;
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 1046 ATTATGATTTATTTA 1062
DB 1 AATTAATTTATTTA 17

RESULT 62
US-10-060-756A-1672/c
; Sequence 1672, Application US/10060756A
; Publication No. US20030046717A1
```

GENERAL INFORMATION:
APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PR0177
CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 1672
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
S-10-060-756A-1672

Query Match 1.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 675 TATACAAATAGCAAAAT 691
b 17 TATACAAATAGCAAAAT 1

RESULT 63
S-09-263-959-759/c
Sequence 759, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rosen, Les
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMASTERS, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 759:

SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-759

Query Match 1.2%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1044 TTATTATGTTATTATT 1060
DB 17 TTATTATGTTATTATT 1

RESULT 64
US-10-388-263-196
Sequence 196, Application US/10388263
Publication No. US20030228597A1
GENERAL INFORMATION:
APPLICANT: Cowsett, Lex M.
APPLICANT: Baker, Brenda F.
APPLICANT: McNeil, John
APPLICANT: Freier, Susan M.
APPLICANT: Sasmor, Henri M.
APPLICANT: Brooks, Douglas G.
APPLICANT: Ohashi, Cara
APPLICANT: Wyatt, Jacqueline R.
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
TITLE OF INVENTION: MODULATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
FILE REFERENCE: ISIS-4503
CURRENT APPLICATION NUMBER: US/10/388,263
CURRENT FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 947
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 196
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-196

Query Match 1.2%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1294 CTGAAATTTTATTGAA 1310
DB 1 CTGAAATTTTATTGAA 17

RESULT 65
US-10-197-290-43
Sequence 43, Application US/10197290
Publication No. US20030083300A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-2
FILE REFERENCE: RSP-0421
CURRENT APPLICATION NUMBER: US/10/197,290
CURRENT FILING DATE: 2002-07-16
PRIOR APPLICATION NUMBER: 09/857,299
PRIOR FILING DATE: 2001-20-04
PRIOR APPLICATION NUMBER: PCT/US99/22083
PRIOR FILING DATE: 1999-09-23

NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 43
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-197-290-43

Query Match 1.2%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1294 CTGAATTTTAAATGAA 1310
|||
Db 1 CTGAATTTTAAATGAA 17

RESULT 66

US-09-972-469-17/c
; Sequence 17, Application US/09972469
; Publication No. US20030073085A1
; GENERAL INFORMATION:
; APPLICANT: Lai, Fang
; APPLICANT: Zhou, Daixing
; TITLE OF INVENTION: AMPLIFYING EXPRESSED SEQUENCES FROM GENOMIC DNA OF HIGHER-ORDER
; FILE REFERENCE: SP01-290
; CURRENT APPLICATION NUMBER: US/09/972,469
; CURRENT FILING DATE: 2001-10-05
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-972-469-17

Query Match 1.2%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 849 CTGGCAACCTAGTCTG 865
|||
Db 18 CTGGCAACCTAGTCTG 2

RESULT 67

US-09-864-636A-1146
; Sequence 1146, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1146
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-1146

Query Match 1.2%; Score 15.4; DB 1; Length 47;
Best Local Similarity 66.7%; Pred. No. 3.1e+02;
Matches 22; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 1133 TTATAGTAAATTTATTTTATTTAGATATTAA 1165
|||
Db 1 TTCTAGCAACCCATTCATTCCTGAAATTAA 33

RESULT 68

US-10-084-839-1146
; Sequence 1146, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Arque, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lymanichev, Victor
; APPLICANT: Lymanicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Meri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tseteka Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1146
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1146

Query Match 1.2%; Score 15.4; DB 1; Length 47;
Best Local Similarity 66.7%; Pred. No. 3.1e+02;
Matches 22; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 1133 TTATAGTAAATTTATTTTATTTAGATATTAA 1165
|||
Db 1 TTCTAGCAACCCATTCATTCCTGAAATTAA 33

RESULT 69

US-09-973-827-21
; Sequence 21, Application US/09973827
; Publication No. US20030105038A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CREB EXPRESSION
; FILE REFERENCE: RTS-0237
; CURRENT APPLICATION NUMBER: US/09/973,827
; CURRENT FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 37
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

S-09-973-827-21

Query Match 1.2%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 1352 GCTGCTGCTGCTGCTG 1371
b 1 GCTGCTGCTGCTGCTG 20

RESULT 70

S-09-759-584-53/c

Sequence 53, Application US/09759584

Patent No. US20010014732A1

GENERAL INFORMATION:

APPLICANT: BROEKAERT, WILLEM F.

APPLICANT: CAMMUE, BRUNO P.A.

APPLICANT: OSBORN, RUPERT W.

APPLICANT: REES, SARAH B.

APPLICANT: TERRAS, FRANKY R.G.

APPLICANT: VANDERLEIJEN, JOZEF

TITLE OF INVENTION: BIOCIDAL PROTEINS

NUMBER OF SEQUENCES: 59

CORRESPONDENCE ADDRESS:

ADDRESSEE: CUSHMAN DABBY & CUSHMAN

STREET: 1100 NEW YORK AVENUE, N.W.

CITY: WASHINGTON

STATE: D.C.

COUNTRY: USA

ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/759,584

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/377,687

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: KOKULIS, PAUL N.

REGISTRATION NUMBER: 16,773

REFERENCE/DOCKET NUMBER: 99042/SEE.36525/US/A

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-861-3000

TELEFAX: 202-822-0944

INFORMATION FOR SEQ ID NO: 53:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleic acid

STRANDEDNESS: both

TOPOLOGY: linear

MOLECULE TYPE: cdna

S-09-759-584-53

Query Match 1.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 688 AATTTGGCCAAAGGCCAAG 707
b 20 AAGTTGTGCCAAGGCCAAG 1

RESULT 71

S-10-085-906-501/c

; Sequence 501, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 501
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-085-906-501

Query Match 1.2%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1042 TATTATTATGTTATTATT 1061
Db 21 TATTATATAGTATATATT 2

RESULT 72

US-09-882-945A-311

; Sequence 311, Application US/09882945A

; Publication No. US20030143535A1

; GENERAL INFORMATION:

; APPLICANT: Lyanichev, Victor

; APPLICANT: Allawi, Hatim

; APPLICANT: Dong, Fang

; APPLICANT: Neri, Bruce

; APPLICANT: Vener, Tatiana

; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites

; FILE REFERENCE: FORS-04586

; CURRENT APPLICATION NUMBER: US/09/882,945A

; CURRENT FILING DATE: 2001-06-15

; NUMBER OF SEQ ID NOS: 334

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 311

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic

US-09-882-945A-311

Query Match 1.2%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 856 CCTAGTCTCTAGC 870
Db 1 CCTAGTCTCTAGC 15

RESULT 73

US-09-866-108-7600

; Sequence 7600, Application US/09866108

; Patent No. US20020048800A1

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang
 APPLICANT: PENN, Shaaron G.
 APPLICANT: HANZEL, David K.
 APPLICANT: RANK, David R.
 APPLICANT: CHEN, Wensheng
 APPLICANT: SHANNON, Mark
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 FILE REFERENCE: AEOMICA-7
 CURRENT APPLICATION NUMBER: US/09/866,108
 CURRENT FILING DATE: 2001-05-25
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00662
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00661
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 60/234,697
 PRIOR FILING DATE: 2000-09-21
 PRIOR APPLICATION NUMBER: US 60/266,860
 PRIOR FILING DATE: 2001-02-05
 NUMBER OF SEQ ID NOS: 15752
 SOFTWARE: Aecomica Sequence Listing Engine
 SEQ ID NO 7600
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-866-108-7600

Query Match 1.2%; Score 15; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 1.7e+02;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 939 GCCACCATCTTACCT 953
 DB 3 GCCACCATCTTACCT 17

RESULT 74
 US-09-866-108-7601
 Sequence 7601, Application US/09866108
 Patent No. US2002004800A1
 GENERAL INFORMATION:
 APPLICANT: GU, Yizhong
 APPLICANT: JI, Yonggang
 APPLICANT: PENN, Shaaron G.
 APPLICANT: HANZEL, David K.
 APPLICANT: RANK, David R.
 APPLICANT: CHEN, Wensheng
 APPLICANT: SHANNON, Mark
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 FILE REFERENCE: AEOMICA-7
 CURRENT APPLICATION NUMBER: US/09/866,108
 CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00662
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00661
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 60/234,697
 PRIOR FILING DATE: 2000-09-21
 PRIOR APPLICATION NUMBER: US 60/266,860
 PRIOR FILING DATE: 2001-02-05
 NUMBER OF SEQ ID NOS: 15752
 SOFTWARE: Aecomica Sequence Listing Engine
 SEQ ID NO 7601
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-866-108-7601

Query Match 1.2%; Score 15; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 1.7e+02;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 939 GCCACCATCTTACCT 953
 DB 2 GCCACCATCTTACCT 16

RESULT 75
 US-09-866-108-7602
 Sequence 7602, Application US/09866108
 Patent No. US2002004800A1
 GENERAL INFORMATION:
 APPLICANT: GU, Yizhong
 APPLICANT: JI, Yonggang
 APPLICANT: PENN, Shaaron G.
 APPLICANT: HANZEL, David K.
 APPLICANT: RANK, David R.
 APPLICANT: CHEN, Wensheng
 APPLICANT: SHANNON, Mark
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 FILE REFERENCE: AEOMICA-7
 CURRENT APPLICATION NUMBER: US/09/866,108
 CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00662
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00661
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 60/234,687
 PRIOR FILING DATE: 2000-09-21
 PRIOR APPLICATION NUMBER: US 60/266,860
 PRIOR FILING DATE: 2001-02-05
 NUMBER OF SEQ ID NOS: 15752
 SOFTWARE: Aeonica Sequence Listing Engine
 SEQ ID NO 7602
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 S-09-866-108-7602

Query Match 1.2%; Score 15; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 1.7e+02;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 939 GCCACCATCTTACCT 953
 b 1 GCCACCATCTTACCT 15

RESULT 76
 S-09-864-636A-1134
 Sequence 1134, Application US/09864636A
 Publication No. US20030104378A1
 GENERAL INFORMATION:
 APPLICANT: Third Wave Technologies
 APPLICANT: Allawi, Hatim
 APPLICANT: Bartholomay, Christian
 APPLICANT: Chehak, LuAnne
 TITLE OF INVENTION: Detection of RNA Sequences
 FILE REFERENCE: FORS-04944
 CURRENT APPLICATION NUMBER: US/09/864,636A
 CURRENT FILING DATE: 2002-10-15
 NUMBER OF SEQ ID NOS: 2640
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 1134
 LENGTH: 21
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic
 JS-09-864-636A-1134

Query Match 1.2%; Score 15; DB 1; Length 21;
 Best Local Similarity 100.0%; Pred. No. 2.1e+02;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 417 GAATCAGTGAAGATG 431
 b 1 GAATCAGTGAAGATG 15

RESULT 77
 JS-10-084-839-1134
 Sequence 1134, Application US/10084839
 Publication No. US20030186238A1

GENERAL INFORMATION:
 APPLICANT: Third Wave Technologies
 APPLICANT: Allawi, Hatim
 APPLICANT: Argue, Brad T.
 APPLICANT: Bartholomay, Christian T.
 APPLICANT: Chehak, LuAnne
 APPLICANT: Curtis, Michelle L.
 APPLICANT: Eis, Peggy S.
 APPLICANT: Hall, Jeff G.
 APPLICANT: Ip, Hon S.
 APPLICANT: Ji, Lin
 APPLICANT: Kaiser, Michael
 APPLICANT: Kwiatkowski, Jr., Robert W.
 APPLICANT: Lakowski, Andrew A.
 APPLICANT: Lyamichev, Victor
 APPLICANT: Lymaicheva, Natalie E.
 APPLICANT: Ma, Wupo
 APPLICANT: Neri, Bruce P.
 APPLICANT: Olson, Sarah M.
 APPLICANT: Olson-Munoz, Marilyn C.
 APPLICANT: Schaefer, James J.
 APPLICANT: Skrzypczynski, Zbigniew
 APPLICANT: Takova, Tsetska Y.
 APPLICANT: Thompson, Lisa C.
 APPLICANT: Vedvik, Kevin L.
 TITLE OF INVENTION: RNA Detection Assays
 FILE REFERENCE: FORS-06666
 CURRENT APPLICATION NUMBER: US/10/084,839
 CURRENT FILING DATE: 2002-02-26
 NUMBER OF SEQ ID NOS: 4004
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 1134
 LENGTH: 21
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic
 US-10-084-839-1134

Query Match 1.2%; Score 15; DB 1; Length 21;
 Best Local Similarity 100.0%; Pred. No. 2.1e+02;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 417 GAATCAGTGAAGATG 431
 Db 1 GAATCAGTGAAGATG 15

RESULT 78
 US-09-752-983-239/c
 Sequence 239, Application US/09752983
 Patent No. US20010016575A1
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 APPLICANT: Graham, Brett P. Monia
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDN2
 TITLE OF INVENTION: EXPRESSION
 NUMBER OF SEQUENCES: 271
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053
 COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/752,983
 FILING DATE: 02-Jan-2001